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Everything for Farm Garden and Lawn

Spring
1937

Dog Foods,
Poultry,
Pet and
Bird Supplies

RARY

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APR 9 1937 ☆

U. S. Department of Agriculture.



F.H. Ebeling
SEEDS

Established 1868

219 S. Warren Street
SYRACUSE
NEW YORK

BRANCH STORE and WAREHOUSE
Cor. W. Fayette and S. Geddes Sts



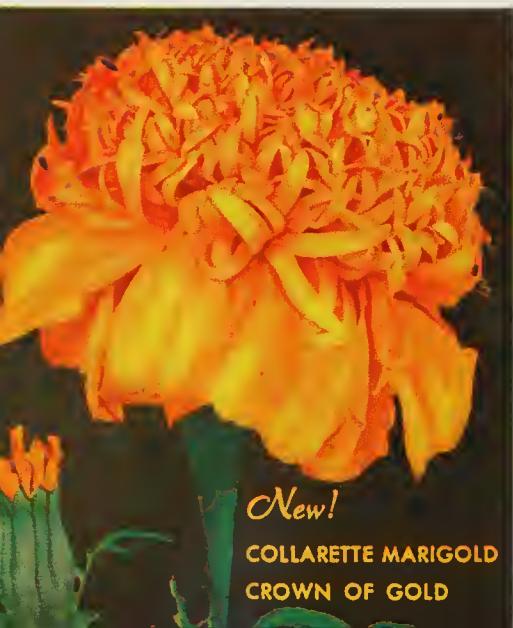


F. H. Ebeling



ASTER, EL MONTE

Super Giant type, largest flowered China Aster. Height 2½ feet, crimson flowers, curled and interlaced petals. Price per pkt., 25c.



New!

COLLARETTE MARIGOLD
CROWN OF GOLD

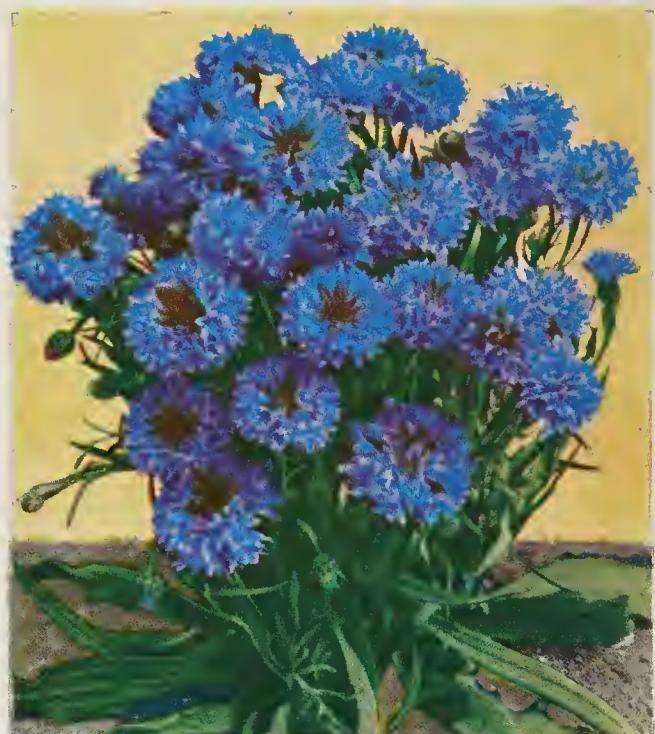
A Home Garden is Built for Happiness

Today, and increasingly so, men and women are turning for encouragement and inspiration to the garden—they get "a real kick" in growing nature's bounties in flower and vegetable. There is a wealth of real satisfaction in garden lure.

Each year the magic hand of horticulture is developing new and better varieties in beauty and fragrance to grace our lovely gardens, and each year we continue to offer the finest of the introductions chosen and selected by the All-American Council as deserving special recommendation for American Gardens.

New NOVELTIES for 1937

What better varieties can we offer than the four new colored flowers shown on this page? All have received special award of merit as the most worthy of the new introductions.



CORNFLOWER, Jubilee Gem

Award of Merit. Double Cornflower. Blue flowers, 10 to 15 inches tall. Plants are dwarf and compact, and bushy. Price, per pkt., 25c.



NEW COLLARETTE MARIGOLD "CROWN of GOLD"

Awarded Gold Medal. The first known Marigold with odorless foliage. Flower centers are of short curled quilled petals with a collar of flat guard petals on outside. Flowers 2½ inches in diameter, grows 2½ feet tall with spreading foliage. Price, per pkt., 25c.

COSMOS, SENSATION

Award of Merit. Early mammoth flowering, pink and white flowers on long wiry stems; largest and earliest variety, 10 weeks from seed. Disbud for largest flowers. Mixed colors, per pkt., 25c.

New Flowers for Your 1937 Garden

AGERATUM. Blue cap miniature. Rich blue flowers, dwarf. Pkt., 15c.

ASTER. Imbricated or Pompon mixed. Pkt., 15c.

CALENDULA. Orange Shaggy. Pkt., 25c.

CENTAUREA Cyanus (Cornflower), Jubilee Gem. Dwarf compact growing plant literally covered with blue flowers. 12 inches high and has long stems for cutting. Pkt., 25c.

DIANTHUS Laciniatus Splendens. Blooms very large, 2 inches or more across, colors varying from white to brilliant crimson with white eye. Pkt., 15c.

MARIGOLD, African, Yellow Supreme. Rich creamy lemon-yellow blooms, large and double. Pkt., 15c.

M., African, Dixie Sunshine. Golden yellow, long stems carrying double blooms, no unpleasant odor. Pkt., 25c.

M., Dwarf French, Double Harmony. Dainty dwarf of the Scabiosa group; flowers medium size with orange crest surrounded by maroon-brown florets. Pkt., 25c.

M., Mexican Dwarf Orange. Semidwarf branching plant freely producing large semi-tubular petaled flowers of bright orange. Pkt., 15c.

NASTURTIUM, Dwarf Double Golden Glow. The dwarf, compact form of Golden Gleam, deliciously fragrant. Pkt., 25c.

N., Dwarf Double Gem Mixture. Dwarf and compact, fine for edging, beds and window boxes, wide range of bright colors, sweet scented. Pkt., 25c.

PETUNIA, Dainty Lady. (Single fringed). Delicate golden yellow without markings of any other color. Pkt., 25c.

P., Flaming Velvet. Rich blood-red or crimson with a pronounced velvety sheen. Pkt., 25c.

P., Martha Washington (Fancy nana compacta). Blush pink, deepening to dark violet throat, ruffled, free flowering. Pkt., 25c.

P., Rose Gem (Nana compacta). Bright pink like Rose of Heaven. Pkt., 25c.

PHLOX Gigantea. Art shades. Extra large flowers in the prettiest and most delicate colors. Pkt., 15c.

SWEET PEA, Early Flowering Spencer, Shirley Temple. Colossal blooms of soft rose-pink, beautiful beyond description on gigantic plants, strong and vigorous. Pkt., 25c.

ZINNIA Haageana. Double Mexican Hybrids. Dwarf double and semi-double blooms, shades in yellow-orange, as well as dark red, bordered creamy white. Pkt., 10c.

Ebeling's Lawn Grass Seed

HOW TO MAKE A LAWN

Have soil thoroughly spaded up, enriched with sheep fertilizers or ground bone, level and roll it well to make compact. Select a still day for seeding; sow one-half of the seed from north to south and half from east to west, rake it over and roll again. When grass comes up re-seed the bare spots. Mow grass when 2 inches high, and as necessary thereafter. Don't rake up short clippings, as they make a good mulch. Always thoroughly soak a lawn whenever required, but never sprinkle lightly.

Quantities to Use

For 150 square feet	1 lb.
For 1000 square feet	7 lbs.
For 2000 square feet	14 lbs.
For one acre	300 lbs.

For old lawns one-half the above is sufficient.

EBELING'S LAWN SEED contains no timothy. Enormous quantities of so-called lawn seed are sold which contain little or no seed of permanent lawn grasses, but are chiefly composed of timothy, a coarse hay which comes up quickly, but inevitably ruins a lawn.

Sunny Lawn Mixture

Sunny Lawn Mixture. Lb., 40c; 10 lbs., \$3.50.

Shady Lawns and Under Trees Mixture

Contains Fancy Red Top, Kentucky Blue, English Rye Grass, etc.

This mixture is a combination of dwarf-growing grasses which thrive in shaded places. It quickly produces an abundant and even growth of lovely green grass where ordinary lawn seed mixtures are failures.

Lb., 45c; 20 lbs. (bu.), \$8.00; 100 lbs., \$40.00.

Golf Links Mixture

Made from our own formula with the object of producing a turf which will stand rough usage. For Ten-

nis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. Per lb., 45c.; bu. (20 lbs.), \$8.00.

Terrace Grass

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully selected combination of such grasses as will make a quick growth and form a strong mat and present a good appearance. It is best to enrich the soil to give a vigorous start. Per lb., 45c.; bu. (20 lbs.), \$8.00.

Putting Green Mixture

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, uniform, low growing and most hardy kinds, which maintain their rich, green color throughout the season. We also recommend it for terraces, embankments, and steep slopes. Per lb., 75c; bu. (25 lbs.), \$17.00.

KENTUCKY BLUE GRASS. Per lb., 45c.

RED TOP. Per lb., 35c.

White Dutch Clover Seed

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. Lb., 60c; 10 lbs., \$5.00.

NON-WARRANTY

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs we send out, and we will not be in any way responsible for the crop.

We are not bound for any definite time or quantity by the prices quoted in this catalog, and they are subject to change without notice. We recommend that you order as early as possible.



"Flowers Have Been Called the Smiles of God."

The Joy of Beautiful Flowers

A Few Cents Worth of Ebeling's Fresh Flower Seeds Bring Nature's Sweetest Gifts.

ABUTILON (Chinese Bellflower or Flowering Maple). Free-flowering, perennial shrub; fine for indoors. For outdoors sow before April. Will bloom first season. Pkt., 10c.

ACHILLEA, The Pearl. Perennial. Pure white; fine for cutting. June to August. 2 ft. Pkt., 10c.

ACONITUM (Monkshood or Wolfsbane). Hardy perennial, long spikes of odd shaped blue and white flowers, adapted to shady corners or among shrubs. 3 to 5 ft. Pkt., 10c.

ACROCLINIUM. Pretty, annual everlasting. 15 inches high; lovely white or rosy pink flowers, fine for border. Single or double. Pkt., 10c.

ADLUMIA (Mountain Fringe or Allegheny Vine). A hardy, biennial climber; will resow itself year after year. Feathery foliage resembling Maidenhair Fern, flowers tube-shaped, flesh-colored, completely covering the plant. Fine for trellises, stumps, etc. Pkt., 10c.

ADONIS (Pheasant's Eye; Flos Adonis). Showy, hardy annual, of easy culture, fine cut foliage, blooms a long time; dark crimson flower with light center. Height 1 ft. Pkt., 10c.

AGERATUM (Floss Flower). Blooms from early summer until frost. Sow in March or in hotbed and transfer into open ground in June when weather is suitable; valuable for winter flowering for conservatory. Pkt., 10c.

Blue Cap Miniature. Pkt., 15c.

Blue Perfection. Dark blue, largest flowering, fine bedder. Pkt., 10c.

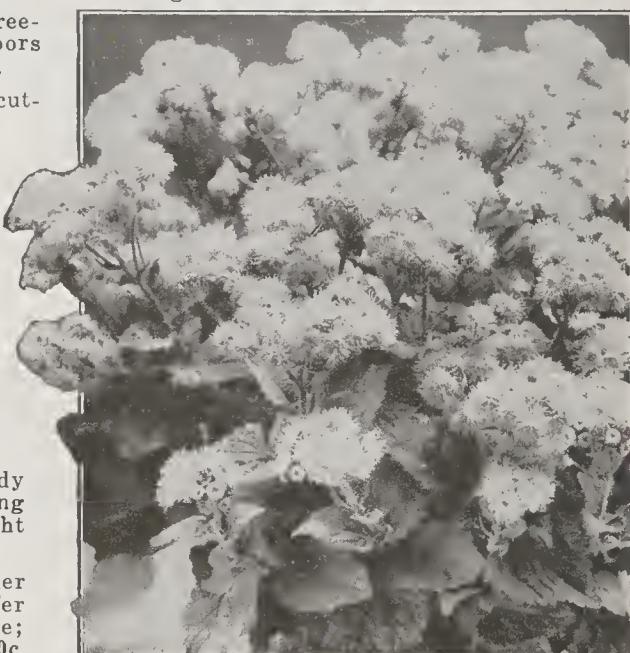
Little Dorrit. Beautiful, compact; sky blue, white center; very exquisite. Pkt., 10c.

Tom Thumb (Little Blue Star). 4 in. The finest variety for neat edgings. Pkt., 10c.

Mexicanum. Lavender-blue. 1½ ft. Pkt., 10c.

Imperial Dwarf White. Height 8 inches. Pkt., 10c.

AGROSTEMMA (Rose of Heaven). Free-blooming, hardy perennial, blooming first season. Height 1 to 2 ft. Mixed. Pkt., 10c.



Ageratum.

ALYSSUM (Madwort). Pretty little plants for beds, vases, baskets, edgings, etc. Bloom profusely all summer, also useful for winter. Very sweet-scented.

Lilac Queen, Mixed. Dwarf varieties. Pkt., 10c.

Little Gem (or Carpet of Snow). 4 to 6 inches in height, each plant covering a circle of 15 to 30 inches. Pkt., 10c.

Saxatile Compactum (Basket of Gold). Handsome yellow flowers, hardy perennial blooming first season, fine for rock work. 1 ft. Pkt., 10c.

SWEET ALYSSUM. Trailing flowers, white. Pkt., 10c.

AMARANTHUS. Brilliant foliaged annuals. 3 to 5 ft. Useful in borders or centers of large beds. Do not plant too closely.

Caudatus (Love-Lies-Bleeding). Blood red, drooping foliage. 3 ft. Pkt., 10c.

Tricolor (Joseph's Coat). Leaves red, yellow and green. 3 ft. Pkt., 10c.

AMPELOPSIS (Boston or Japanese Ivy). Hardy, perennial climber, olive green leaves turning to scarlet in fall. Popular climber, fine for brick or stone walls. Pkt., 10c.

ANCHUSA (Alkanet). Italica Dropmore variety. Grows 3 to 5 feet high and bears in abundance flowers of the richest gentian blue during May and June. Pkt., 10c.

Capensis (Cape Forget-me-not). A splendid blue annual variety, blooming all summer; 18 inches. Pkt., 10c.



Sweet Alyssum in Rockery.

Carving on bench in garden of Chester (England) Cathedral.

"A kiss of the sun for pardon
The song of the birds for mirth,
You're nearer God's heart in a garden
Than anywhere else on earth."

ANEMONE (Windflower). Hardy perennial, large flowers, fine for bouquets.

St. Brigid. A beautiful selection. Our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors. Pkt., 10c.

ANTHEMIS, *Kelwayi* (Hardy Marguerite). A most satisfactory hardy perennial, bearing all summer daisy-like golden yellow blossoms. Excellent for cutting. 2 ft. Pkt., 10c.

ANTIRRHINUM (Snapdragon).

Giant Varieties. Of tall growth, very large individual flowers: Scarlet, White, Yellow, Garnet, Pink (silver-pink), Rose (rich rose). Pkt., 10c.

Semi-Dwarf. A splendid mixture, containing all the colors. Pkt., 10c.

Tom Thumb. Extra choice variety. Choice mixed, pkt., 10c.

AQUILEGIA (Columbine). Charming hardy perennial. 1 to 3 ft. Profuse bloomer. Fine for borders.

Long-Spurred Hybrids. A beautiful strain comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. Pkt., 10c.

ARABIS, *Alpina* (Rock Cress). Very early, pure white, spring flowers, appear as soon as snow disappears. Fine for rockeries or edging. 6 inches high. Pkt., 10c.

Rosea (Rock Cress Rose). Perennial. Pkt., 10c.

ARCTOTIS, *Grandis* (African Daisy). A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high. Its flowers are large and showy, being pure white on the upper surface, the reverse of petals lilac-blue. Pkt., 10c.

ARGEMONE, *Hybrida Grandiflora* (Annual). Mexican "Prickly Poppy." These new, large-flowering "Prickly Poppies", form branching plants about 3 feet high and 18 inches across. The large, single poppy-like flowers are white, cream, primrose and yellow, and are borne freely and continuously all summer long. The thistle-like foliage is of a grayish green with silvery ribs. They grow quickly and easily from seed. Will thrive in any sunny situation and are particularly effective in the mixed flower border. Pkt., 10c.

ARMERIA (Sea Pink or Cushion Pink). Very pretty edging plant, bearing large tufts with rosy pink flowers; hardy perennial. Pkt., 10c.

ASPARAGUS, *Plumosus Nanus*. Graceful climber, finer than most delicate ferns. Will last for weeks after being cut, easily cultivated. Pkt., 25c.

Sprengeri. One of the best for hanging baskets or general purposes. Fronds 4 ft. long. Pkt., 10c.

ASTERS

ASTERS are now one of the most important summer and autumn flowers. Their immense popularity and world-wide demand shows their adaptability

to any soil or climate, there being early, medium and late flowering sorts which extends the blooming period from early July until frost. For the best results the ground should be very rich. Good results can be obtained from ordinary garden soil.

BRANCHING VARIETIES:

ROYAL ASTERS (or Early Branching). These are dwarf branching, about 2 ft. high, flowers of the branching type; coming into bloom in July or early August.

PEERLESS YELLOW. Best yellow. Pkt., 10c.

SUNSHINE (Improved Anemone-Flowered). Long quilled petals. Some of the flowers have twisted petals and some have quilled petals; all have a cushion center of tiny quills of a contrasting color which makes a flower look as if it were covered with snowflakes. The blue flowers are dotted with a paler blue and some in white, and the rose in a lighter shade of pink or white. A wonderful cut flower variety of startling appearance. The flowers last a long time after cutting.

Sunshine Mixed. All colors. Pkt., 25c.

AMERICAN OR LATE BRANCHING—Wilt-resistant.

Blackish Blue. A deep dark blue. Pkt., 10c.

Deep Crimson. Rich and glowing. Pkt., 10c.

Peach Blossom. Pkt., 10c.

Pale Lavender. Exquisite grayish blue. Pkt., 10c.

Deep Purple. A rich royal shade. Pkt., 10c.

Rose-Pink. A lovely shade; very popular. Pkt., 10c.

Shell Pink. Soft and dainty. Pkt., 10c.

Pure White. Perfect in its purity. Pkt., 10c.

Finest Mixed. All colors mixed. Pkt., 10c.



Snapdragon.



Sunshine Aster.

ASTERS—Continued.



Balsam.

AUBRIETIA (Rainbow Rock Cress). Perennial. Large flowering hybrids mixed. A fine hardy perennial plant suitable for rock gardens and edgings. Flowers mauve, rose, etc. Height 6 inches. Pkt., 20c.

BABY'S BREATH. (See Gypsophila).

BACHELOR'S BUTTON. (See Centaurea Cyanus). Mixed colors. Pkt., 10c. Double blue. Pkt., 10c.

BALLOON VINE (Love-in-a-Puff). Rapid growing annual climber, white flowers, seed vessels look like miniature balloons. Pkt., 10c.

BALSAMS (Lady Slipper). Double, camellia-flowered type, an old favorite. Gorgeous brilliant colored, double flowers in great profusion, easily cultivated. 2 ft. high. Double mixed, pkt., 10c.

BAPTISIA (False Indigo). Beautiful, hardy, perennial, pea-shaped flowers on spikes 6 inches long, bright blue. 2½ ft. Pkt., 10c.

BELLIS (or English Daisy). Perennial. Double Daisy, very handsome spring flowering plant. Pkt., 10c.

BLUE LACE FLOWER. (See Didiscus).

BRACHYCOME (or Swan River Daisy). Dwarf, annual, profuse bloomer, pretty blue or white flowers. Pkt., 10c.

CALCEOLARIA (Lady's Slipper). Ornamental plant with mass of beautiful pocket-like flowers. Blooms early and very fine for decorating greenhouse or conservatory. Pkt., 25c.

CALENDULA (Pot Marigold). Very showy, free-flowering until frost; hardy annual. Grows in any good soil, fine for beds or mixed borders. Fine for pot culture. Height 1 ft.

Lemon Queen. Light yellow. Pkt., 10c.

Meteor. Large double yellow, striped with orange. Pkt., 10c.

Orange King. Large double orange-red flowers. Pkt., 10c.

Orange Shaggy. Pkt., 15c.

Radio. A beautiful departure from the conventional form of Calendulas, as the petals are attractively quilled. The color is a deep shade of golden yellow. The flowers are large and double. Pkt., 10c.

Art Shades. Pkt., 15c.

Mixed. Per pkt., 10c.

Chrysanth (Novelty). A new Calendula, which originated in Australia; the flowers bear a striking resemblance to a Chrysanthemum; long stems and a large double, clear buttercup-yellow flower; ideal as a cut flower for interior decorations. Pkt., 15c.

CREGO'S GIANT COMET ASTERS. (Wilt-Resistant). We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type. We offer six colors, viz.: White, Shell-Pink, Purple, Deep Rose, Crimson, Lavender, ptk., 10c. Mixed, ptk., 10c.

IMP. GIANTS OF CALIFORNIA. The flowers are large and full, of the well known Crego type, with broad graceful petals, borne on long heavy non-lateral stems. The plants reach a height of 3 feet, blooming from mid-summer until frost. Florists are demanding the Giants of California for their discriminating trade, while those who demand the finest for their gardens also choose the Giants. Pkt., 15c; Mixed or separated colors.

QUEEN OF THE MARKET ASTERS. A first-class early-flowering Aster, coming into flower in July, of branching habit. Flowers of good size and borne on long stems, making them exceedingly valuable for cutting. 1 ft. Bright Rose, Crimson, Lavender, Pink, Purple, White, ptk., 10c. Mixed colors, ptk., 10c.

BEAUTY ASTERS. A recently developed late flowering strain coming into bloom in late September, and being at their best through October. The plants grow nearly 3 feet high, and bear their very large, densely double flowers on long strong stems. We offer six beautiful colors: Azure Fairy, Dark Lavender, ptk., 10c. September Beauty, shell pink, ptk., 10c. White, ptk., 10c. Mixed colors, ptk., 10c.

OSTRICH FEATHER. Magnificent, resembling the Comet. Flowers of immense size of loosely formed petals, equaling the best Japanese Chrysanthemums. Mixed, ptk., 10c.

HEART OF FRANCE ASTER. This recent introduction is the largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby red flowers on long, strong stems. A fine, dark variety. Pkt., 10c.

KING ASTERS. The "King" Aster forms a distinct class or type. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower. Mixed colors, ptk., 10c.

IMBRICATED or POMPON MIXED. Pkt., 15c.

ASTER ALPINUS. Perennial. Mixed. Dwarf. Fine for rock gardens. 15 inches high. May-June. Pkt., 10c.

PERENNIAL MICHAELMAS DAISY. Single, hardy. Does well in any garden soil. If sown early will flower in early season. Pkt., 10c.



Calendula, Radio.

CALLIOPSIS. Annual. Showy, free-flowering, blooms all summer, fine for cutting, massing, beds and borders. All single sorts have large flowers 2 to 4 inches in diameter. 1 ft. high. Single or double, mixed colors. Pkt., 10c.

Golden Wave (Drummondii). Large golden yellow with brown center. Pkt., 10c.

Tom Thumb Dazzler. Large golden-yellow blooms, maroon-red centers. 12 in. Pkt., 10c.

CAMPANULA (Bellflower). Favorite, hardy herbaceous plant with great profusion of bell flowers. Thrives in light rich soil.

Carpatica. Blue and white, bloom the whole season. 6 inches. Pkt., 10c.

Persicifolia Grandiflora. Fine hardy bellflowers. 2 to 3 ft. Blue or white. Mixed. Pkt., 10c.

CAMPANULA (Canterbury Bell). New annual single. A new variety which blooms from seed in less than six months; plants grow from 2 to 2½ feet high and each plant produces from 6 to 8 spikes of bloom. We offer this in a fine mixture. Pkt., 15c.

CANARY-BIRD VINE (Tropaeolum Canariense). Handsome annual, rapid climber, charming little canary-colored blossoms bearing a fancied resemblance to a bird with wings half expanded. Pkt., 10c.

CANDYTUFT (Iberis). A great favorite, fine for cutting, looks best in beds or masses. Sow in spring; will bloom until frost. Very hardy, easily cultivated. Single plants look well and bloom profusely. 1 ft.

Carmine. Pkt., 10c.

White. Pkt., 10c.

Crimson. Pkt., 10c.

Empress. A complete mass of pure white flowers. Pkt., 10c.

White Rocket. Pkt., 10c.

White Hyacinth-Flowered. Pkt., 10c.

Mixed Colors. Pkt., 10c.

White. Perennial. Pkt., 10c.

Lilac. Perennial. Pkt., 10c.

CANNA (Indian Shot). Without exception one of the handsomest bedding plants. Soak the seeds in warm water until they show evidence of swelling. When the second leaf is out pot singly and keep under glass until proper season for planting out.

CANTERBURY BELL (Campanula Medium; Single Canterbury Bells). The old-fashioned sort with beautiful, large bell-shaped blossoms; we offer three distinct colors and mixed, as follows: Blue, Rose, White, ptk., 10c. Single Mixed, ptk., 10c. All double flowering medium varieties, ptk., 10c.

Cup and Saucer (Campanula Calycanthema). Rose-Pink, delicate rosy pink; Blue, a fine clear shade; White, pure white; Finest Mixed, all colors of the Cup and Saucer type, ptk., 10c.

CARNATION. See Dianthus. Great favorite for their delicious fragrance and richness of color, indispensable for winter or summer culture.

Grenadin. Perennial. The Grenadin Carnation is a splendid early blooming, large flowering type; fine for cut flowers. Double border dwarf. Fine mixed. Pkt., 25c.

Marguerite Carnation. Begins flowering a few weeks from time of sowing, half dwarf, strong, requiring no support, produce long, strong stems, abundant, large, double, beautifully fringed, highly scented flowers. Pink, White, Red, Yellow, ptk., 10c. Mixed colors, ptk., 10c.

Chabaud's Everblooming, mixed. Pkt., 10c.

Enfant de Nice Mixed. Of French origin, unquestionably the best variety grown from seed. Magnificent flowers 2½ in. to 3 in. in diameter on long, strong stems rising from robust plants of upright habit. A special virtue of this strain is the fact that the calyx does not split. One of the finest for



Celosia Childsi.

outdoor culture for either florists or private gardeners. Very early. Pkt., 25c.

CASTOR OIL BEAN. See Ricinus.

CELOSIA CRISTATA or Cockscomb Varieties. Free-blooming annuals. Plant in light soil not too rich; grand for border and fine for pots. (2½ to 3 feet). These stately plants are considered among the most ornamental and should not be omitted in any garden. Form pyramidal bushes branching out in candelabra shape, the numerous massive plumes resemble ostrich feathers, waving gracefully above the foliage.

Empress. Combs of colossal size known to measure 45 inches from tip to tip; rich crimson. Pkt., 10c.

Glasgow Prize. Dark crimson. Pkt., 10c.

Dwarf. 8 inches high, sometimes measuring 2 ft. across, ptk., 10c. Mixed, ptk., 10c.

CELOSIA PLUMOSA (Feathered Cockscomb). Crimson, White, Yellow, Mixed, ptk., 10c.

CELOSIA CHILDSI (The Chinese Woolflower). Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool, so that a plant looks like an immense bouquet splendidly arranged. Blooms until hit by frost. Mixed. Pkt., 10c.

CENTAUREA or Bachelor Button. Under this name is included the popular annuals like Corn Flower, Blue Bottle, Ragged Sailor, Sweet Sultans, etc. Great favorites, fine for cut flowers; white-leaved sorts, or Dusty Millers are largely used for bedding, vases, etc.

Sweet Sultans (Centaurea Imperialis). Beautiful, sweet-scented; strong stems; when cut will stand for several days in good condition, of easy culture. Mixed Colors, Pkt., 10c.

Cornflower (Centaurea Cyanus). Double Blue, Pink, White, Mixed. Pkt., 10c.

Jubilee Gem. Pkt., 25c.

Gymnocarpa. Fine cut silvery foliage. Pkt., 10c.

Candidissima. Broad cut silvery foliage. Pkt., 10c.

Montana Blue. Giant perennial. Pkt., 10c.

CERASTIUM, Tomentosum (Snow-in-Summer). Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches. Pkt., 10c.

CHEIRANTHUS, Allioni (Siberian Wallflower). A biennial but best treated as an annual. Brilliant orange flowers. Pkt., 10c.

CHRYSANTHEMUMS. Annual sorts, showy, effective garden favorites. Double mixed, pkt., 10c. Single mixed, pkt., 10c.

Nivelli. A delightful new variety with pure yellow, showy, attractive, free-blooming single flowers, 2 to 3 inches across. Easily grown, blooming throughout summer and fall. Best in cool sections. Excellent cut flowers. Pkt., 10c.

CINERARIA. Seed may be sown from May to September in succession. Where only one sowing is made July should be preferred. Cinerarias grow so freely that the seedling may go straight from seed pans to thumb pots. For transplanting, plant in cold frame facing North, if possible. When pots become full of roots shift into larger ones until the flowering size is reached.

Dwarf Mixed. Pkt., 35c.

Tall Mixed. Pkt., 35c.

Stellata (Star Cineraria). A charming variety with large spreading panicles of starry flowers. Same colors as the common Cineraria. Very effective for house or conservatory decoration, church decoration and for cutting. Pkt., 35c.

CLARKIA. This pretty and easily grown annual has been much improved in recent years. They do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. **Elegans Double Mixed.** A fine mixture containing all the colors. Pkt., 10c.

CLEMATIS. Rapid-growing climber, fine for arbors and verandas. Seeds are slow to germinate and should be soaked in warm water 24 hours. Hardy perennial, mixed colors. Pkt., 10c.

COBaea (Cup and Saucer Vine). A rapid climber; fine for trellises, arbors, etc., clings to any rough surface. Place seeds in the ground edgewise and cover with light soil. Purple, pkt., 10c.

Pure White, pkt., 10c.

COLEUS (Flame Nettle). An attractive foliage plant for house or garden. Very interesting to grow from seed, easily raised. Sow in March or April. Pkt., 15c.

CONVOLVULUS (Morning Glory). Climbing varieties, very popular, and one of the most free-flowering, rapid growing plants in cultivation, doing well in almost any situation with beautiful brilliant flowers. Annuals. 15 ft. Mixed colors, pkt., 10c; oz., 15c.

COREOPSIS, Lanceolata Grandiflora. On long, graceful stems these plants bear large daisy-like flowers with broad fluted petals. In color they are a rich, glossy chrome yellow. They bloom without interruption for a long season and are brilliant in the garden as well as for cutting. Single, pkt., 10c; double, pkt., 10c.

COSMOS. Beautiful autumn-blooming plant, producing thousands of beautiful flowers in pure white, pink and crimson shades. Fine for autumn decoration when other flowers are scarce. Sow in spring in open ground when danger of frost is over, or may be started under cover and transplanted. Set about 18 inches apart in rows or in masses in beds. When about a foot high pinch the tops out to induce a bushy growth, 2½ to 4 ft. in height.

Hybrida, Klondyke Orange Flare. Vivid orange with attractive light green foliage in full bloom less than 5 months from sowing. Pkt., 15c.

Early Crimson. Rich and deep. Pkt., 10c.

Early Light Pink. A popular color. Pkt., 10c.

Early Pure White. Pkt., 10c.

Extra Early Mammoth Flowering. Mixed colors. Pkt., 10c.

Extra Early Double Crested Cosmos. Mixed colors. Pkt., 10c.

CUCURBITA. See Gourd.

CYCLAMEN. Charming plant with richly colored foliage, fragrant flowers. Great favorites in winter or spring. Sow in spring or autumn.

Persicum. Choicest mixed. Pkt., 35c.

CYNOGLOSSUM, Amabile (Chinese Forget-Me-Not). Sweet-scented. ultramarine-blue. 2 ft. Pkt., 10c.

Amabile Pink. Pkt., 10c.

CYPRESS VINE (Ipomoea Quamoclit). A favorite summer climbing annual, with feathery foliage and star-shaped flowers borne in clusters.

Mixed Colors. Pkt., 10c.

DAHLIA. One of the best late summer and autumn flowering sorts, very popular. The double sorts will bloom first season if sown early. Single will bloom first season if sown in the open ground. Many prefer the single sorts to Cosmos, having the larger variety of colors and longer season of bloom.

Double. Finest mixed. Pkt., 10c.

Single. Finest mixed. Pkt., 10c.

Cactus. From named varieties. Pkt., 10c.

Unwin's Dwarf Bedding Miniature. Early flowering semi-double hybrids, 18 to 24 inches high, in a wide range of colors; splendid for bedding. Mixed. Pkt., 25c.



Coreopsis.



Double Crested Cosmos.

DATURA (Trumpet Flower). Ornamental annuals, large showy flowers. 2 to 3 ft. Double and single. Pkt., 10c.

DELPHINIUM (Perennial Larkspur). One of the most handsome hardy perennials, splendid flowers and curiously cut leaves; for permanent beds and borders they are indispensable. Mixed. Pkt., 10c.

Gold Medal Hybrids. Mixed. Pkt., 10c.

Formosum. Popular for groups, tall spikes of dark blue flowers with white eyes. 2 to 3 ft. Pkt., 10c. **Belladonna.** Clear turquoise blue, pkt., 10c. Choice est hybrids mixed, pkt., 10c.

Nudicaule. Large scarlet flower. 1½ ft. Pkt., 10c.

Chinese. This is a perennial but if planted early will bloom in August. Its foliage is small and is from 12 to 18 inches tall.

Blue Butterfly. Blue. Pkt., 10c.

Alba. Pure white. Pkt., 10c.

DIANTHUS or **PINKS.** A magnificent sort embracing some of the most popular flowers in cultivation, of great variety and brilliancy with profusion of bloom. The sorts classed as annuals may be sown out-of-doors when danger of frost is past. In a few weeks' time they are a mass of bloom, continuing until frost. See Carnation. Carnations are general favorites for the greenhouse in winter and the garden in summer. The Marguerite is one of the best for summer flowering.

Semperflorens (Everblooming Hardy Garden Pinks). Very beautiful, sweet-scented, double, semi-double and single in great diversity of colors. Mixed colors. Pkt., 10c.

Deltoides, **Brilliant** (Maiden Pink). Dwarf brilliant carmine. Fine for rock gardens. Pkt., 10c.

Double Annuals.

Laciniatus fl. pl. Large double showy flower with fringed edges. Great variety of colors. Pkt., 10c.

Laciniatus Splendens. Pkt., 15c.

Chinensis fl. pl. (China or Indian Pink). Mixed colors. Pkt., 10c.

Hedgewigi fl. pl. (Japan Pink). Double mixed. Pkt., 10c.

Imperial fl. pl. (Double Imperial Pink). Mixed. Pkt., 10c.

Hardy Garden Pinks. The varieties are well adapted for beds and borders. Delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted. Pkt., 10c.

DIDISCUS (Blue Lace Flower). Very pretty annual, blooms profusely from July to November. Pale lavender blossoms, excellent for cutting. Pkt., 10c.

DIGITALIS (Foxglove). Handsome, ornamental, hardy perennial plant; easily grown. Fine for shrubberies. 3 ft. Mixed colors. Pkt., 10c.

DIMORPHOTHECA *Aurantiaca* *Hybrida* (African Golden Daisy). Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent. Flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. Pkt., 10c.

DRACAENA (Dragon Plant). Fine ornamental leaved plant. Mixed colors. Pkt., 10c.

ECHINOCYSTIS (Wild Cucumber Vine). Quickest growing vine known, fine for covering trellises, fences, etc. Pkt., 10c.

ENGLISH DAISY (*Bellis Perennis*). A favorite almost hardy perennial. Blooms from early spring until late in summer. Easily raised from seed. 4 inches high. Double mixed, finest quality, pkt., 10c.

ERYNGIUM (Sea Holly). Handsome, ornamental hardy plant. 2 to 3 ft. high. Fine for drying for winter bouquets. Pkt., 10c.

ESCHSCHOLTZIA (California Poppy). Fine annual for beds, border or masses. Bloom until frost. 1 ft. Single mixed, pkt., 10c.

Double mixed, pkt., 10c.

Golden West. Bright buttery yellow with orange center. Pkt., 10c.

EUPHORBIA (Snow-on-the-Mountain). Strong, tall-growing annual, attractive foliage. Pkt., 10c.

FORGET-ME-NOT. See *Myosotis*. Pkt., 10c.

FOUR O'CLOCK (Marvel of Peru). (*Mirabilis Jalapa*). A well known handsome free-flowering garden favorite. Does well everywhere. Give each plant 12 to 18 inches of room. Fine mixed colors. 2 ft. Pkt., 10c.

FOXGLOVE. See *Digitalis*.

GAILLARDIA (Blanket Flower). Annual varieties. Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer until November. Excellent for beds, borders, or for cutting. Should be sown where they are to bloom. 1½ ft.

Picta Mixed. Single sorts; fine colors. Pkt., 10c.

Double Flowering Mixed. A charming, profuse, double-flowering strain; beautiful mixed colors. Pkt., 10c.

Grandiflora, **Hardy Perennial Varieties.** Pkt., 10c.



Dimorphotheca—African Golden Daisy.



Perennial Delphinium.

DOLICHOS (Hyacinth Bean). Rapid annual climber with large clusters of handsome flowers producing later in place of flowers, pods of a deep purple, very ornamental. Purple, pkt., 10c. Mixed colors, pkt., 10c.



Dianthus—Pinks.

GERBERA (Transvaal Daisy). Splendid greenhouse perennials with large fine-leaved Daisy-like flowers; splendid for pot plants or cutting.

Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades. Pkt., 25c.

GERANIUM (Pelargonium). Double mixed, fine colors. Pkt., 10c.

GEUM Coccineum, Mrs. Bradshaw. An attractive perennial, growing 2 ft. tall and bearing double orange-scarlet flowers. Pkt., 10c.

Lady Stratheden. Golden yellow. Pkt., 10c.

GILIA. Hardy annual. An excellent cut flower. The small round flower heads are produced abundantly on plants 20 inches high. Pkt., 10c.

GLOBE AMARANTH (Gomphrena). Known as Bachelor's Buttons; fine bedding plant, flowers can be dried and be used in winter bouquets. 2 ft. Mixed colors. Pkt., 10c.

GLOXINIA. A superb greenhouse sort with magnificent richly colored flowers. Use equal mixture of peat, loam and sand. Mixed. Pkt., 25c.

GODETIA. An attractive, hardy annual. Profuse, showy flowers of varied colors. 1½ ft. Mixed colors. Pkt., 10c.

GORDS, ORNAMENTAL (Cucurbita). Rapid growing, annual climbers, ornamental foliage. 15 to 20 ft. Mixed colors. Pkt., 10c.

GYPSOPHILA (Baby's Breath). Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

Elegans Alba Grandiflora. Pkt., 10c.

Paniculata. White flower, fine for bouquets. One of the favorite hardy perennials. Blooms first year if sown early. 2 ft. Pkt., 10c.

Double. Pkt., 10c.

Light Pink. Pkt., 10c.

HELIANTHUS. See Sunflower. Single and double mixed. Pkt., 10c.

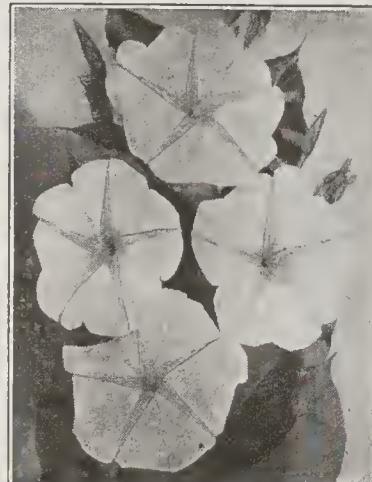
HELICHRYSUM (Strawflower).

Monstrosum fl. pl. The great demand for this popular Everlasting has induced us to show them in colors this season. Crimson, very rich; Fireball, bright red; Goldenball, golden yellow; Rose Carmine, rich and glossy; Silver Ball, glistening white; Violet, very rich color; Mixed, all colors. Pkt., 10c.

HELIOTROPE (Cherry Pie). Half-hardy perennial, flowering the whole season, very fragrant. Can also be trained as a greenhouse climber. Mixed colors. Pkt., 10c.



Kochia



Moonflowers



Double Hollyhocks

HEUCHERA (Coralbells).

Dwarf Crimson. Blooming from late May until late autumn. 12 inches tall. Pkt., 10c.

HIBISCUS (Marshmallow). Showy, perennial plant with large beautifully colored flowers. 1½ ft. Mixed colors. Pkt., 10c.

HOLLYHOCK. One of the most majestic of hardy plants. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year. Double mixed. Pkt., 10c.

Single Varieties. Mixed. Pkt., 10c.

HONESTY (Moonwort; Satin Flower). Hardy biennial, with silvery seed pouches, very attractive. 2 ft. Pkt., 10c.

HUMULUS (Japanese Hop). Ornamental, fast-growing climber resembling the common hop. Pkt., 10c.

HUNNEMANNIA, Fumariaefolia (Giant Yellow Tulip Poppy or Bush Eschscholtzia). This is by far the best Poppy for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large Buttercup-yellow blossoms, and flower until hard frost. Pkt., 10c.

IPOMOEA. Climbers of very rapid growth, beautiful, varied flowers; for covering walls, arbors, stumps, etc.

Quamoclit Hybrida (Cardinal Climber). Pkt., 10c.

Rubra Coerulea (Heavenly Blue). Bright sky blue. Pkt., 10c.

Noctiflora (Moonflower). Blooms at night and on dull days, pure white, 5 to 6 in. in diameter, rapid climber. Pkt., 10c.

IMPERIALIS JAPANESE (Japanese Morning Glory). Largest and handsomest of all Morning Glories. Pkt., 10c.

*"If I could put my words in song
And tell what is there enjoyed,
All men would to my gardens throng,
And leave the cities void."*

EMERSON.



Annual Larkspur

KENILWORTH IVY. See *Linaria*.

KOCHIA, Trichophylla (Summer Cypress; Belvedere; Burning Bush). An easily grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of lively green and perfect symmetry; by midsummer it attains a height of about 3 feet, turning deep red in autumn. Splendid for dividing and flower gardens. Pkt., 10c.

KUDZU VINE. Pkt., 10c.

LADY SLIPPER. See *Calceolaria*.

LANTANA. One of the most desirable half-hardy perennials, constantly in bloom, verbena-like heads of orange, white, rose and other colors. 2 to 3 ft. Mixed colors. Pkt., 10c.

LARKSPUR. Annual. These handsome Larkspurs are very effective in borders and among shrubs. The graceful spikes are much valued for vases. They continue long in bloom. Sow seed either in early spring or late fall so germination may take place very early in the spring.

Stock-Flowered. Mixed, all colors. Pkt., 10c.

Giant Hyacinth-Flowered. Mixed. 3 ft. Named for the striking resemblance to a double Hyacinth. Delicate colors. Pkt., 10c.

Exquisite. Beautiful soft pink; highly prized for cut flower use. Pkt., 10c.

LATHYRUS (Everlasting or Hardy Sweet Pea). Free-flowering hardy perennial climber continually in bloom. Mixed colors. Pkt., 10c.

LAVENDER (*Lavandula Vera*). Well-known, sweet-scented, hardy perennial. 3 ft. Pkt., 10c.

LIATRIS (Blazing Star).

Pycnostachya. A showy hardy perennial border plant, with long spikes of violet-purple flowers. 2 feet. Pkt., 10c.

LINARIA (Kenilworth Ivy). Charming small, hardy perennial, trailing plant. Pkt., 10c.

Maroccana Hybrids Mixed (Toad Flax). A very showy annual. 12 inches. Pkt., 10c.

Macedonica Speciosa, Perennial. This is easily grown from seed. It is hardy and can be used where medium height is needed in rock garden work. The flowers resemble large golden Snapdragons, borne on stems averaging 3 feet. Pkt., 10c.

LINUM or FLAX (Scarlet Flax). Brilliant crimson flowers, an inch or more across, and a continuous bloomer. Annual, grows 1½ to 2 ft. high, pkt., 10c. Perennial Varieties Mixed, pkt., 10c.

LUPINUS (Lupin). Annual. Long, graceful spikes of rich and various colored pea-shaped flowers. Valuable for mixed borders, beds and for cutting. Prefers a little shade. 2 feet. Mixed. All colors. Pkt., 10c.

Texanus. The wild Blue Bonnet of Texas, particularly useful in dry situations. Pkt., 10c.

Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil. Blooms in May and June. 3 ft. Mixed. All colors. Pkt., 10c. Separate colors: Rose Queen, Deep Blue, Sunshine Yellow, pkt., 10c.

LOBELIA. The following choice varieties

of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials.

Crystal Palace Compacta. Rich deep blue; dark foliage; the finest dark blue for bedding. Pkt., 10c.

Gracilis. Light blue; light green foliage; trailing. Pkt., 10c.

Cardinalis (Cardinal Flower). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant. 3 ft. Pkt., 10c.

LYCHNIS. Handsome hardy perennial, easy culture, fine for beds and borders. Mixed colors. Pkt., 10c.

MARIGOLD (*Tagetes*). From midsummer to fall when many other plants are past their prime, Marigolds afford a wealth of color that is invaluable. The tall African varieties produce large self-colored blossoms on long stems; the French flowers are smaller, but the colors and markings are interesting, some of the varieties being striped and spotted. The Marigold dwarf *Signata Pumila* is one of the best edging plants; also *Gamolepis Tagetes*.

AFRICAN MARIGOLDS.

Orange Ball. Flowers very large, ten to fourteen inches in circumference, extremely double and quilled like a Dahlia. Plants 3 feet high. Pkt., 10c.

Lemon Ball. Large lemon-colored flowers, fine for cutting. Pkt., 10c.

Dixie Sunshine. Pkt., 25c.

Guinea Gold (African). 2 ft. Carnation-like petals and unusually brilliant golden color, make this flower outstanding among Marigolds. It lacks much of the pungent odor of other Marigolds. The plant blooms freely, and practically all of the flowers are double. Pkt., 15c.

Yellow Supreme. Pkt., 15c.

Mixed Varieties. Pkt., 10c.

FRENCH MARIGOLDS.

Gold Margin. Double. Flowers velvety maroon, margined with gold. Plant only eight inches high, bushy, compact, and free-flowering. Pkt., 10c.

Double Harmony. Pkt., 25c.

Dwarf Gold Striped. Double rich brown, striped golden yellow. Pkt., 10c.

Dwarf Marigold, Little Brownie or Legion of Honor. A charming single-flowered plant, about six inches high. Very effective in masses or borders. Begins flowering extremely early, commencing in June. Color a brilliant gold, blotched with maroon. Pkt., 10c.

Mexican Dwarf Orange. Pkt., 15c.



African Marigolds

MARIGOLD, Signata Pumila (Sunshine Marigold). One of the most beautiful plants for fall color; about eighteen inches high, very bushy habit, and each slender branch, pressed close to the main stem, crowned by a delicate golden center, forming a dense globular mass. Charming in a border or alone. Pkt., 10c.

MARVEL OF PERU or FOUR O'CLOCK. The flowers of this old-time favorite open about four o'clock in the afternoon and fade the next morning. Two feet high, with bright foliage and fragrant flowers of desirable colors. Set plants two feet apart. Makes a nice hedge if set a foot apart. Seed should be planted in the open ground where plants are desired. The roots may be taken up in the autumn and preserved through the winter for spring planting, in the same manner as Dahlias. Marvel of Peru. Mixed colors. Pkt., 10c.

MATRICARIA (Feverfew). Free-flowering, blooms until frost, hardy annual. 18 inches. Double white. Pkt., 10c.

MATTHIOLA, Bicornis (Evening Scented Stock). Lilac. Pkt., 10c.

MIGNONETTE (Reseda). 6 to 12 inches. No garden is complete without this fragrant plant of unassuming mien. One of the principal uses is for cutting purposes and combining in bouquets with other more pretentious blossoms without its delicate odor.

Golden Queen. Yellow. Pkt., 10c.

Goliath. Foliage rich green, with bright red flowers. Flower stalks tall and strong, spikes often 7 inches long by 2 inches in diameter. Pkt., 10c.

Machet. It is the best Mignonette for all purposes either outside or inside. It is an everbloomer, the flowers lasting until late in the fall. Pkt., 10c.

Mixed. Many shades and types. Pkt., 10c.

MIMULUS (Musk Plant). Very showy, profuse-flowering plant, half-hardy perennial, blooms first year if sown early. 1 ft. Pkt., 15c.

Tigrinus (Monkey Flower). Spotted variety. Pkt., 15c.

Moschatus (Musk Plant). Fine for hanging baskets; small yellow flowers, fragrant foliage. Pkt., 15c.

MIRABILIS. See Marvel of Peru. Pkt., 10c.

MORNING GLORY. See Convolvulus.

MUSK PLANT. See Mimulus.

MYOSTIS or FORGET-ME-NOT. Charming, low-growing plants, the bright flowers covering the plants in late spring. Seed sown at any time up to midsummer will produce plants that will bloom the following spring. Prefer moist shady situation. The Alpestris varieties are very free flowering. They are practically biennial.

Alpestris, Indigo Blue. New, very fine. A deep indigo-blue. Pkt., 10c.

Palustris (True Forget-Me-Not). Blue, with yellow eye. Perennial. Pkt., 10c.

Mixed Varieties. Seeds of the above varieties mixed. Pkt., 10c.

Rose. Pkt., 10c.

NASTURTIUMS (*Tropaeolum*). For ease of culture, duration of bloom, brilliancy of color and general all around purposes nothing excels this popular variety. Plant in moderately good soil in a well-drained, sunny position; quick growing and bloom profusely until hard frost comes.



Nasturtiums.



Nigella.

Rose Remedy— TRI-OGEN

Triple Spray Treatment
FUNGICIDE
INSECT KILLER
REPELLENT

Complete protection against plant diseases and insects. Stimulates plant growth.

In highly concentrated form, in three convenient sizes.

Small Kit \$1.50
Medium Kit 4.00
Large Kit 6.00

New Golden Gleam. This is destined to be a very popular novelty because it comes true from seed. Double Nasturtiums hitherto introduced could not be reproduced from seed, and stocks had to be increased by cuttings. Golden Gleam grows freely from seed. It is delightfully sweet scented and a bouquet of the flowers will soon fill a room with fragrance. It has been awarded numerous prizes during the past year; color rich, deep yellow. Pkt., 15c; oz., 35c.

Dwarf Double Golden Globe. Pkt., 25c.

Double Gleam Hybrids. A collection of gorgeously colored, large, well formed flowers of such dazzling beauty that the mind hesitates to credit the evidence of the eye. Pkt., 25c.

Dwarf Double Gem Mixture. Pkt., 25c.

Double Scarlet Gleam. Pkt., 25c.

Tall Nasturtiums. Pkt., 10c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; lb., \$1.00.

NEMESIA, Large-Flowering Hybrids. A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. Pkt., 10c.

Nana Compacta Mixed. Pkt., 25c.

NICOTIANA, Affinis. One of the best Nicotianas we have ever grown. The plant attains the height of three feet and is covered with deliciously scented, large, white flowers that open in their full glory in the evening and early morning. Easily grown from seed, and cuttings rooted in September will bloom freely in the winter. Pkt., 10c.

Sanderae. The whole plant, from base to summit, is laden with flowers of an intensely glowing rosy carmine color, making it incomparably beautiful and charming. Easily grown. Pkt., 10c.

NIGELLA, Damascena. (Love-in-a-Mist, or Devil-in-the-Bush). A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed-pods; of easy culture, growing in any garden soil. Hardy annuals. Blue and white mixed. 1 ft. Pkt., 10c.

Miss Jekyll. A lovely variety with cornflower-blue blossoms. Splendid for cutting. Pkt., 10c.



Pansies.

PETUNIA (Single-Flowered Bedding). Bedding varieties are unsurpassed for massing. They will make a most showy bed, giving a profusion of flowers from early summer until severe frost.

Blotched and Striped. Very symmetrically marked. Pkt., 10c.

Balcony Petunias. A splendid type for window boxes, hanging baskets and beds. Flowers over three inches across making a fine display all the season. Mixed colors. Pkt., 10c.

Rosy Morn. Dainty soft carmine-pink, white throat; fine for border. Pkt., 10c.

Extra Choice Mixed. Superb strain. Pkt., 10c.

Fringed Giant. Pkt., 20c.

Single-Flowered Bedding. Howard's Star Mixed, pkt., 10c. Rose Gem (Novelty), dwarf, bright pink, pkt., 25c. Rose of Heaven, bright carmine-pink, pkt., 10c. Snow Queen, large flowers, white, pkt., 15c. Sutton's Blue Bedder, mid blue, pkt., 15c. Violacea, deep velvety purple, pkt., 15c.

Giants of California (Dwarf Giants). Mixed. This is a dwarf sturdy growing type, especially suited to pot culture. Flowers are beautifully ruffed and fringed with open well marked throats. The mixture contains a good assortment of the most desirable colors. Pkt., 25c.

Double Mixed. Pkt., 30c.

Giant Ruffled. Dainty Lady (Novelty), delicate golden yellow, compact, pkt., 25c. Flaming Velvet, deep velvety, blood-red, pkt., 25c. Martha Washington, blush-pink deepening to dark violet throat, dwarf, compact, pkt., 25c.

Fringed. Setting Sun, brilliant deep rose, dark throats, very free flowering, pkt., 25c.

PHLOX DRUMMONDI. Of all summer-flowering annuals this variety is unquestionably one of the most brilliant and satisfactory. Seed may be sown in open ground after danger of frost is past and in a few weeks the beds or borders are all aglow with their brilliant coloring until cut down by the frost. For early flowering they should be started indoors. Snow White, Shell Pink, Deep Rose, Bright Scarlet, Rich Crimson, Primrose, Soft Lilac, Choicest Mixed, Large Flowering. Pkt., 10c.

Nana Compacta. Dwarf, extra choice mixed. Pkt., 10c.

Star Phlox (Star of Quedlinburg). Dwarf, pretty star-shaped flower. Mixed colors. Pkt., 10c.

Gigantea, Art Shades. (New). Very large flowers, lovely pastel shades. Pkt., 15c.

Hardy Perennial Phlox. All colors, mixed. Pkt., 10c.

PANSIES (Giant Flowering). The Pansy gives an abundance of bloom until after severe frosts, endures our hard winters with safety, and greets us in the early spring with a profusion of bright blossoms. Pansies are at their best during the cool, moist weather of spring and fall. Seed sown in open ground in May or June will give fine blooms in late summer and autumn, and a good crop of flowers the following season if the plants are pinched back in early spring. Seed sown in midsummer, where it can be shaded and watered will produce plants large enough to winter nicely and come into full bloom in early spring. Young plants give the largest flowers. Old, worn out plants should be replaced by young, vigorous plants.

Triumph of Giants. A wonderful mixture of giant-flowered Pansies. Pkt., 10c.

Extra Large Flowered Exhibition Mixture. This strain will meet the demand for a real giant flowered fancy Pansy. Comprises exquisite shades and colors. Pkt., 25c.

Masterpiece Mixture. A special mixture of the Giant Frilled Pansies. A mixture of the finest of a remarkable type of Giant Flowering Pansies, the petals being beautifully waved or frilled. These extremely beautiful flowers come in a wide variety of colors, ranging from white to the deepest maroon or black, creamy yellow to orange, dainty rose to brilliant crimson. Pkt., 15c.

Mastodon Mixture. The finest thing obtainable in Pansies. Wonderful rich colors. Very large. Pkt., 25c.

Swiss Giants (New Giant Flowered). Sturdy growing class with rare, very effective colors. Pkt., 25c.

Violas or Tufted Pansies. While the Pansy proper is a spring flower, Violas flower throughout the entire season. Seeds sown in spring produce flowering plants by June which bloom until frost. Splendid mixed colors, fine varieties. Pkt., 10c. Jersey Gem. Rich violet. Pkt., 25c. Apricot. Pkt., 25c.

PENTSTEMON (Beard-Tongue). One of the most beautiful attractive herbaceous plants, bearing long graceful spikes of richly colored flowers. If sown early and transplanted in May will bloom from July until frost. Half-hardy perennial. 2 ft. Mixed colors. Pkt., 10c.

PHACELIA Campanularia (California Blue Bells). Gentian blue. Pkt., 15c.

PHYSOSTEGIA, Virginica (False Dragonhead). One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 ft. high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. Pkt., 10c.

PHYSALIS FRANCHETI (Chinese Lantern). Dense bushes about 2 ft. high, producing freely bright orange-scarlet lantern-like fruits. Perennial. Pkt., 10c.

PINKS. See Dianthus.



Phlox Drummondi.

A GARDEN TREASURE BOX FOR YOU—See Page 15.



Annual Scabiosa.

RICINUS (Castor Oil Bean). Ornamental plant of stately growth and picturesque flowers, brilliant colored fruit. Fine for lawns or center plants for beds.

Zanzibariensis. A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green, with reddish ribs. The seeds are beautifully marked. Pkt., 10c.

ROCK PLANTS. Finest mixed. A mixture composed of all the different varieties appropriate for this purpose. Pkt., 10c.

SALPIGLOSSIS (Painted Tongue). One of the greatest favorites among annuals, partly on account of its easy culture, but mostly for its beautiful, almost orchid-like flowers. Mixed sorts. Pkt., 10c.

SALVIA (Flowering Sage). A favorite bedding plant, bearing long spikes of flowers in great profusion from July until frost, half-hardy perennial. Blooms the first year from seed sown indoors and transplanted when weather permits.

Splendens (Scarlet Sage). Beautiful bright scarlet. Pkt., 10c.

"Bonfire." This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. One of the most effective and gorgeous plants in cultivation. Pkt., 10c.

Harbinger. Early scarlet. Pkt., 15c.

Patens (Blue Sage). Annual. Pkt., 10c.

Farinacea. A perennial variety, but best treated as an annual. Color light blue. Pkt., 10c.

SCABIOSA (Mourning Bride, Sweet Scabious, Pin-Cushion Flower, etc.). They grow about 2½ ft. high, and bloom early in July, and continue until hard frost. Beautiful flowers in exquisite shades on long stems, and when cut keep in perfect condition for the best part of a week. No garden is complete without both the annual and perennial Scabiosas, especially where flowers are wanted for cutting. Mixed colors. Pkt., 10c.

Hardy Perennial Scabiosas (Caucasica) (Blue Bonnet). One of the handsomest of hardy perennials, blooms lasting a long time in water, color soft lavender-blue. 3 ft. Pkt., 10c.

Columbaria. Hardy perennial. A low growing variety with flowers 2 to 2½ inches across; color a delightful shade of pink; splendid for cutting. Pkt., 25c.

SCARLET RUNNER BEANS. Great favorite of England and continent of Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the bright scarlet blossoms. Pkt., 5c.

PLATYCODON (Balloon Flower or Japanese Bellflower). One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery. Easily raised from seed, which begins blooming in August if sown outdoors in April. Pkt., 10c.

Blue Mixed. Pkt., 10c.

POLEMONIUM (Jacob's Ladder). Perennial. Mixed. Pkt., 10c.

POPPIES. An extremely popular brilliant flowering annual. Poppies should be sown where they are to remain, as they will not stand transplanting.

Single Annual Poppies. Pkt., 10c.

Double Annual Poppies. Mixed colors. Pkt., 10c.

Peony Flowered. Large showy, double mixed colors. Pkt., 10c.

Flanders Scarlet Single. Pkt., 10c.

Shirley. Mixed single and semi-double. Many colors. Pkt., 10c.

Oriental Poppy. Perennial, exceedingly showy; scarlet with black center. Pkt., 10c.

Orientale, Mrs. Perry. Pkt., 25c.

Iceland Poppy. Perennial. Mixed. Pkt., 10c.

PORTULACA (Sun Plant). Fine hardy annual, of easy culture, thrives best in rather rich, light, sandy loam and sunny situation. Flowers of richest colors, blooming throughout the summer in great profusion. Fine for beds, edging or rockwork. 6 inches. Single mixed, pkt., 10c. Double mixed, pkt., 10c.

PRIMULA. Charming beautiful Chinese Fringed Primrose. Fine for winter or spring decorations. One of the most important winter-blooming pot plants. Sow from March to May. Mixed colors. Pkt., 35c.

PRIMULA, Obconica Grandiflora. Everblooming mixed. Pkt., 25c.

PRIMULA, Polyanthus. Perennial. Pkt., 10c.

PYRETHRUM HYBRIDUM (Painted Daisy). Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centers. Blooms in May and June, and again in the fall, and is one of the most graceful and long-lasting cut flowers. Pkt., 10c.

Hybridum fl. pl. Seed saved from the finest double flowers. Only a small percentage can be expected to come double the first year. Mixed colors. 2 ft. Pkt., 10c.

RESEDA. See Mignonette.

RHODANTHE (Swan River Everlasting). A charming annual; does well in a light rich soil and warm sheltered situation. Fine for pot culture; flower everlasting. Mixed colors. Pkt., 10c.

RUDBECKIA (Coneflower). Well known hardy perennial; fine for herbaceous border.

Fulgida. Orange-yellow. 5 feet. Pkt., 15c.

Newmanni. Orange with purple cone. 3 feet. Pkt., 15c.

Purpurea. Reddish purple. 4 feet. Pkt., 15c.



Double Annual Poppies.

SCHIZANTHUS (Butterfly or Fringe Flower). Splendid annual with a profusion of various colored flowers. Fine for greenhouse decorations and flower garden; of easy culture.

Dwarf Large-Flowered. A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. Pkt., 10c.

Mixed. A splendid mixture of the regular type, which forms pretty plants 18 inches high with fine foliage and covered with bloom throughout the summer. Pkt., 10c.

SHASTA DAISIES (*Chrysanthemum Leucanthemum*). A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white with broad overlapping petals, and borne on long, strong stems. A beautiful cut flower, remaining in good condition a week or more. Pkt., 10c.

SNAPDRAGON. See *Antirrhinum*.

SOLANUM (Jerusalem Cherry). Very useful pot plant for winter decoration, dwarf branching habit, leaves small and oval-shaped, bearing in great profusion bright scarlet globular berries. Pkt., 10c.

STATICE. An annual which is very desirable for rock gardens or border plant. Flowers are borne in racemes on long graceful stems and may be cut and dried like everlasting. Sow indoors during March or April and transplant to open ground after danger of frost is past. Height of plants 2 to 2½ ft.

Sinuata Mixed. A choice mixture in shades of blue, pink, yellow and white. Pkt., 10c.



Spencer Sweet Peas.



Schizanthus.

SWEET PEAS. How to grow Sweet Peas: The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms. Considerable benefit has been noted from the use of inoculating culture. Seed may be sown out-of-doors as early in the season as the ground can be worked, usually the middle of March to the middle of April.

SELECT GRANDIFLORA SWEET PEAS. Grandiflora Mixed. ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00.

SPENCER SWEET PEAS. The magnificent new Spencer Sweet Peas are rapidly displacing the older kinds. The plants make a vigorous growth and the flowers are extraordinarily large, being, when well grown, from 2 to 2½ inches in diameter. In addition, the petals are beautifully waved or fluted, and in some of the newer Spencers the fluting is very pronounced. Practically the whole range of grandiflora varieties has now been duplicated in the Spencer type.

Ambition. A perfect, distinct pure lavender, shaded darker at the base when young. Pkt., 10c.

Austin Frederick. Improved large pure lavender. Pkt., 10c.

Campfire. Bright cerise-scarlet. Pkt., 10c.

Constance Hinton. Giant white. Pkt., 10c.

Crimson King. Rich oxblood crimson. Pkt., 10c.

SPENCER SWEET PEAS—Continued.

Daffodil. Large, very deep primrose. Pkt., 10c.

Hercules. A rich pink flower, waved. Pkt., 10c.

Huntsman. A new shade of scarlet. Pkt., 10c.

King White. Produces gigantic flowers absolutely pure white. Pkt., 10c.

Mary Pickford. Cream pink suffused with salmon. Pkt., 10c.

Miss California. Salmon-pink. Pkt., 10c.

Mrs. Tom Jones. Brilliant blue. Pkt., 10c.

Renown. Large carmine. Pkt., 10c.

Royal Purple. Rich royal blue. Pkt., 10c.

Sunkist. Cream, picotee edged rose. Pkt., 10c.

Youth. White, edged with a delicate soft rose-pink. Pkt., 10c.

Superb Mixed. Per ounce, 20c; ¼ lb., 60c; 1 lb., \$2.00.

CUPID SPENCER. Dwarf, profuse blooming, excellent for bedding or border work, stems 4 to 6 inches long. Finest mixed. Pkt., 10c.

EARLY OR WINTER FLOWERING SPENCER. While these are especially adapted for forcing under glass for winter and early spring blooming they are also valuable for outdoor culture, coming into bloom five or six weeks earlier than the regular Spencer or Orchid flowering type, and if the flowers are kept cut they will continue to bloom for a long time.

Blue Bird. Violet blue.

Glitters. Brilliant cerise.

Harmony. Clear lavender.

Lady Gay. Soft shrimp-pink.

Shirley Temple. Colossal blooms of soft rose-pink, beautiful beyond description, on gigantic plants, strong and vigorous. Pkt., 25c.

White Harmony. White, black seeded.

Zvolanek's Rose. Bright rose-pink.

Potting Earth A fine mixture of real earth, balanced with fertilizers. Suitable for house plants, bulbs, etc. Qt., 10c; pk., 40c; ½ bu., 65c; bu., \$1.00.

STOKESIA, *Cyanea* (Cornflower Aster). This is not new but is a rare and beautiful hardy perennial. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. Indispensable for cutting. Pkt., 10c.

STOCKS, Cut-and-Come-Again 10-Weeks Stocks. Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce. They throw out numerous side branches, all bearing very double, fragrant flowers. Finest mixed, all colors. Pkt., 10c.

SUNFLOWER. Plants of majestic growth and immense showy flowers, suitable for shrubberies, woodlands, wild gardens and sub-tropical gardening; the dwarfer kinds, with smaller flowers, are charming grouped in mixed flower borders. Excellent for cutting.

Double Mixed. Pkt., 10c.

Russian Mammoth. Single, of gigantic dimensions. 1 oz., 10c.

SWEET ROCKET (*Hesperis*). Old-fashioned garden plant, also known as Dame's Rocket and Dame's Violet. 2 to 3 ft. high with spikes of showy white, lilac and purple fragrant flowers. Fine for shrubbery and permanent border. Mixed colors. Pkt., 10c.

SWEET SULTAN. See *Centaurea*.

SWEET WILLIAM (*Dianthus Barbatus*) (London Tufts). A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

Annual, Finest Mixed. Pkt., 10c.

Pink Beauty. Deep pink. Pkt., 10c.

Double Mixed. Pkt., 10c.

Single Mixed. Pkt., 10c.



Stokesia.

SWEET WIVELSFIELD. A new race of hardy annuals, being a cross between *Dianthus Allwoodi* and Sweet William. Another new flower you will surely want to try this year. Like Sweet William, but the flowers are larger, and carried in more graceful clusters above the foliage. May be treated either as an annual or a biennial. 12 in. high. June to October. Pkt., 35c.

TAGETES. See Marigolds and Calendula.

THUNBERGIA (Black-Eyed Susan). Beautiful rapid-growing climber used especially for hanging baskets, low fences, etc. Flowers in buff, white, orange, etc., with dark eyes. Mixed colors. Pkt., 10c.

TORENIA. Fine annual. Splendid plant for vases, hanging baskets, borders, etc., blooming the entire season. Blue, white, and yellow. Pkt., 10c.

TRITOMA (Red Hot Poker). Perennial. Pkt., 10c.

TROPAEOLUM. See Nasturtium.

VALERIANA (Garden Heliotrope). Hardy perennial border plants; large fragrant flowers, odor resembling that of the heliotrope; 2 to 3 feet. Mixed Colors. Pkt., 10c.

THE NEW VENIDIUM FASTUOSUM

A Wonderful South African Annual
Now Introduced for American Gardens

Do not fail to grow some of these unique, brilliant orange flowers in your garden this year! Individual blooms are over 3 inches across. There is a startling contrast between the fiery orange outer petals and shining black centers with a radiating purple zone. The foliage is of a soft, grey, woolly character with serrated leaves.

Can be grown either outdoors or under glass. About 2 to 3 ft. high, blooms in July. Indoors, seeds sown in February will bloom in May. Pkt., 25c.

VERBENAS. Unrivaled as low growing bedding plants. Long season of bloom. Start seed in the house or under glass early in the spring, and transplant after three or four inches of growth. They flower in July, and continue until after severe frosts.

Scarlet. Brightest scarlet. Quite true. Pkt., 10c.

Pure White. Quite true from seed. Pkt., 10c.

Blue. Shades of blue and purple. Pkt., 10c.

Pink. Pkt., 10c.

Mixed Colors. Pkt., 10c.

Lemon Scented. Pkt., 10c.



Verbena.

"A GARDEN IS A LOVESOME SPOT."

This is a thought by Edgar A. Guest.

VERONICA, Spicata. Bright blue flowers. Pkt., 10c.

Repens. A splendid dwarf perennial rock plant with masses of bright blue flowers; 4 inches. Pkt., 10c.

VIOLA. See Pansies.

VINCA (Madagascar Periwinkle or Old Maid). Ornamental free-blooming plant, fine for bedding. Flower from seed the first season, continuing until frost or they may be potted and kept in bloom through the winter. 2 ft. Mixed, pkt., 10c.

WALLFLOWER. Well-known deliciously fragrant half-hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

Single Mixed. All colors. Pkt., 10c.

Double Finest Mixed. Pkt., 10c.

WILD CUCUMBER. See Echinocystis. Pkt., 10c.

WILD GARDEN FLOWER SEEDS. Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting. Pkt., 10c.

ZINNIAS (Youth and Old Age). One of the most brilliant and showy of annuals. An old and continued favorite. The seed can be sown early and transplanted or sown later in open ground. They come into bloom early in summer, and continue until hard frost.

Double Giants. Mixed colors. Pkt., 10c.

Giant Mammoth. Enchantress—light rose with deep rose center; Miss Willmott, soft pink; Orange King, orange; Lemon Queen, yellow; Scarlet Gem, scarlet; Rose Queen, deep rose; Violet Queen, deep purple, Purity, each, pkt., 10c. Mixed colors, each, pkt., 10c.

Dahlia Flowered. The latest development in Zinnias, bears flowers of mammoth size resembling a decorative Dahlia. Our special strain is grown by the originator of this type. Mixed colors. Pkt., 10c.

Haageana Double. Mexican Hybrids. Pkt., 10c.

Pompon or Button. Mixed. Pkt., 10c.

Chrysanthemum. Fantasy. Mixed. Pkt., 25c.



Wallflower.

NEW EARLY WONDER ZINNIAS

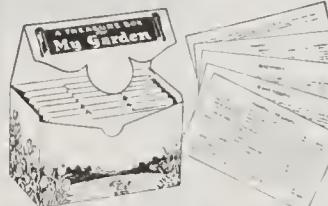
Flower-lovers will be delighted with this remarkable strain, our new 1933 introduction. The first of a new race of dwarf, early-flowering varieties. When in full bloom the plants stand from 12 to 15 inches high, and the flowers are similar to the Pumila type. The stems are long and of medium size, ideal for cut flowers. The stems start from the ground with no laterals and very few leaves, which is an unusual feature of Zinnias. When massed in beds they form a solid blanket of color in an unusually attractive effect. Add these first colors of the new strain to your garden this year.

Fiery Salmon-Cerise Pink.

Rose Pink.

Either of the above: Pkt., 25c.

New! The Garden Treasure Box



Tells you what to plant—when—how—for greatest beauty in your 1937 garden. More than 100 cards crowded with practical information. Month by month gardening calendar. Plenty of room in box for your own personal notes. With every purchase of Vigoro this wonderful Garden Treasure Box, for only 25 cents.

National Ezy Wear Garden Gloves



for Men and Women

Here's a new and increasingly popular type of garden glove—specially designed to give finger freedom and complete protection.

All-Leather — DIRT-PROOF
SOFT AS KID — Extra Pliable

Made from select imported leather specially processed to render it amazingly soft and pliable—as well as durable. Permit almost barehand freedom with perfect comfort, yet insure complete protection from dirt, scratches, bruises, stains. Keep the hands in perfect condition.

Economical—outwear 6 pairs of ordinary fabric gloves and are useful for other home duties the year round—Housework, Painting, Yard, Furnace, Garage, etc.

WASHABLE!

Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, 75 cents a pair (2 pairs, \$1.40.)



Mammoth Zinnias.



Seeds of Annuals and Perennials for Rock Gardens

Choice Annuals

While the rockery is usually filled with Hardy Perennial plants, most of which take a year to produce flowering plants from time of sowing the seeds in the spring, there seems to be no good reason why the newly made rockery should not be filled with annuals the first season. These should be sown in April or May, and would produce a full crop of flowers within eight weeks or even less, from time of sowing, keeping the rockery gay until filled with the Hardy perennials.

Abronia	Lobelia
Adonis	Marigold,
Ageratum	Dwarf French
Agrostemma	Matricaria
Alyssum	Nasturtiums,
Antirrhinum	Dwarf
Asperula	Nemesia
Brachycome	Pansies
Candytuft	Phlox, Dwarf Dr.
Daisy, African	Portulaca
Dianthus	Salpiglossis
Eschscholtzia	Verbena



Perennial Candytuft in the Rock Garden.

Choice Perennials

There has developed within the last year or two a wonderful demand for Rock Gardens, and even in gardens of comparatively small size, space has been allotted to the Rock Garden. If you can secure the rocks, it is a comparatively easy matter to fill the spaces by sowing the seeds contained in this collection, most of which would give a full crop of flowers next year.

Alyssum Saxatile	Myosotis
Aquilegia	Poppy, Iceland
Arabis	Primula Vulgaris
Armeria	Primula Polyanthus
Bellis	Scabiosa Caucasica
Candytuft	Campanula
Chelranthus	Chelranthus
Dianthus	Dianthus
Dusty Miller	Geum
Geum	Heuchera
Heuchera	Also a Special Collection of Seeds Appropriate for Rock Gardens

Collections of Flower Seeds

12 Annuals for Cutting

A dozen sorts that are of special value for cutting.

Aster	Cosmos	Phlox
Bachelor Button	Gypsophila	Poppy
Blue Lace Flower	Larkspur	Scabiosa
Calendula	Marigold	Zinnia

A Collection of a Packet
Each of 12 Sorts for \$1.00

12 Old-Fashioned Hardy Perennials

A dozen kinds of the good old-fashioned sorts of the easiest culture that keep the garden gay over a long period.

Aquilegia	Dianthus	Phlox
Coreopsis	Foxglove	Poppy
Canterbury Bells	Gaillardia	Pyrethrum
Delphinium	Hollyhock	Sweet William

A Collection of a Packet
Each of 12 Sorts for \$1.00

Plants for Spring Planting

Cauliflower	Eggplant	Aster
Cabbage	Pepper	Verbenas
Celery	English Daisy	Snapdragons
Tomato	Salvia	Pansy

Bulbs for Spring Planting

Cannas	Amaryllis	Dahlia
Gladioli	Madeira Vine	Tuberose
Caladium	Hardy Lilles	S.e page 17.

Books on Horticultural and Kindred Subjects

Book of Annuals (Hottes)	\$1.50
Book of Perennials (Hottes)	2.00
Birds of the Wild (Pellet)	1.75
Book of Water Gardening (Bisset)	5.00
Bulbs that Bloom in the Spring (Weston)	1.50
Climbing Plants (Hottes)	1.50
Dahilla (Rockwell)	1.00
Dish Gardening (Beard)	2.50
Flower Dictionary (Hottes) .....	.50
Flower Dictionary (De La Mare) .....	.26
Dwarf Fruit Trees (Abjornson)	1.50
Garden Guide (De La Mare)	2.50
Gladoli (Rockwell)	1.00
Landscaping the Small Home (Oliver)	2.00
Lawns (Rockwell)	1.00
Milady's House Plants (Palmer)	1.25
Nursery Manual (Bailey)	2.50
Practical Landscape Gardening (Cridland)	2.50
Practical Vegetable Culture (Wilkinson)	2.00
Rock Gardens (Rockwell)	1.00
Rock Garden Primer (Thornton)	2.00
Rose Garden Primer (Holmes)	1.75
Roses (Rockwell)	1.00
Simple Guide to Rock Gardening (Cotter)	1.00
Suburban Garden Guide (Barnes) .....	.75
Shrubs (Rockwell)	1.00
Thousand and One Garden Questions Answered (Hottes)	2.00
Water Garden and Gold Fish (Sawyer and Perkins)	1.50
Wayside Marketing (Arnold)	1.50
Women's Flower Garden (Kift)	1.25

Summer Flowering Bulbs

AMARYLLIS

Ebeling's Giant American Hybrids

A wonderful strain of new Giant flowered Amaryllis, of free-flowering habit. The large flowers are composed of broad, well rounded, overlapping petals and range in colors varying from crimson to orange-scarlet, light rose to white to the richest self-colorings and combinations of stripes and variegations. 50c each.



Amaryllis.



Tuberous-rooted Begonias.

Tuberous-rooted Begonias

This is an interesting section, valuable as pot plants and for garden beds. The flowers vary considerably as to form and size, ranging from 2 to 4 and even 6 inches across. While some of the single ones are perfectly smooth, others are fluted or distinctly fringed. The colors are delightfully vivid and distinct.

When grown outside, should be taken up before cold weather, spread out to dry, and be packed away in boxes of dry sand, and stored through the winter in some cool place, yet not where frost can reach them. Before planting outside in the spring,

they should be potted and kept inside until well started. They delight in a partially shaded location in soils composed of leaf mold, sand and well rotted manure.

SINGLE TUBEROUS-ROOTED BEGONIAS. Crimson, yellow, salmon, and white. 20c each; \$2.00 per doz.

Crested. Crimson, salmon, yellow, white. 20c each; \$2.00 per doz.

DOUBLE TUBEROUS-ROOTED BEGONIAS. Crimson, salmon, yellow and white. 20c each; \$2.00 per doz.

Frilled Double. Crimson, salmon, yellow, white. 20c each; \$2.00 per doz.

CANNAS

GIANT RED. Bronze foliage. 10c each; \$1.00 per doz..

CINNAMON AND MADEIRA VINE

Hardy climbers. Easily grown. 10 to 15 feet tall. A profusion of small white, fragrant flowers. 7c each; 75c per doz.

DAHLIAS

In wide range of colors and types. From 10c to 25c each.

HARDY LILIES

AURATUM (Gold Banded Lily). Large, graceful, six-petalled flowers of delicate ivory white thickly studded with brownish spots and a golden stripe running down the center of each petal. One of the most beautiful garden Lilies. Very fragrant. 40c each; \$3.50 per doz.

REGALE (Regal Lily). The flowers are white, slightly suffused with pink, with a canary yellow throat and extending part way up the trumpet. Delightfully perfumed. Very easy to grow anywhere. 30c each; \$3.00 per doz.

MAGNIFICUM. An enormous flower; rich deep pink spotted crimson; height, 3 feet; flowers in August.

HENRYI. Rich apricot-yellow, lightly spotted with brown. 3 to 5 ft. high, carry 5 to 8 large flowers. Very hardy.

TUBEROSES

Dwarf Pearl Excelsior. 8c each; 75c per doz.

FALL BULBS

About September first next we issue our Annual Catalog of Choice Dutch Bulbs and Seeds for Fall Planting. It will be sent free to all customers without ordering it, and to others who apply for it.

CALADIUM or Elephant's Ear

15c each.

GLADIOLI

We carry a choice line of Gladioli in many named varieties at very attractive prices. (See Gladioli listed on inside of back cover).



Lilium Regale—Regal Lily.

Potting Earth A fine mixture of real earth, balanced with fertilizers. Suitable for house plants, bulbs, etc. Qt., 10c; pk., 40c; $\frac{1}{2}$ bu., 65c; bu., \$1.00.

Finest Vegetables for Home and Garden

For 68 years, Ebeling's Vegetable Seeds have been the standard for both purity and vitality among the best gardeners.

They are grown with the utmost care from superior seed gathered from the choicest specimens, and represent the best that modern practice and science can produce.

They are carefully cleaned with modern machinery that eliminates all light seeds, thereby insuring the best high vitality to our stocks.

ASPARAGUS

Spargel (Ger.)

Sparagio (It.)

MARY WASHINGTON ASPARAGUS. This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is some earlier. Tips very compact and a rich purplish green. The whole stalk, from base to tip is remarkably tender. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

PALMETTO. Is early, a fine yielder, even and regular in its growth. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

BARR'S MAMMOTH. The fine old reliable sort. Pkt., 10c; oz., 15c; lb., \$1.50.

ROOTS OF ABOVE VARIETIES AT \$1.75 PER 100. Can furnish in one and two-year roots.

BEANS—DWARF WAX VARIETIES

Bohnen (Ger.)

Faginoli (It.)

Culture. Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart and the rows 18 inches apart.

GOLDEN CLUSTER WAX (Pole). Deep yellow, flat pods, frequently 8 inches long; quite stringless and matures in about 85 days. A heavy yielder, the pods being borne in large clusters. One of the best of the pole beans and a splendid variety for the home garden. $\frac{1}{2}$ lb., 20c; lb., 40c; 2 lbs., 75c.

PENCIL POD WAX. Pods long, 5 $\frac{1}{2}$ to 6 inches, straight, round, fleshy, and of a bright yellow color; tender, absolutely stringless and excellent quality; produced through a long season. One of the best for home use and near markets; color solid black. Lb., 40c; 2 lbs., 70c; 10 lbs., \$2.50.

DAVIS WAX. A very hardy and productive variety, desirable where a wax-podded, white seeded, midseason sort is wanted. Vines very vigorous. Pods are invariably long, six and one-half to seven inches, light yellow; seed kidney-shaped. Lb., 40c; 2 lbs., 75c; 10 lbs., \$2.75.

ROUND POD KIDNEY or BRITTLE WAX. This midseason variety is exceedingly handsome and very desirable for the home garden. Vines dwarf, spreading and productive. Pods long and round, wax-like, stringless and of the best quality. Uniformly perfect. Medium-sized, white, with a little dark marking about the eye. Lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.

IMPROVED GOLDEN WAX or DETROIT WAX. Vines a little more upright and harder than the Golden Wax. The handsome deep yellow pods are about five inches long, broader and flatter than Golden Wax. Seed medium size white with dark brown to black markings. Lb., 40c; 2 lbs., 70c; 10 lbs., \$2.50.

POLE BEANS—Green Pod



Giant Stringless Green Pod.

KENTUCKY WONDER. This remarkably vigorous growing, green-podded pole bean has very long pods, somewhat broad, very fleshy and quite stringless as snaps. Mature pods are often 8 to 9 inches in length. Its earliness and hardiness commend it as a pole bean. Large green pods are unexcelled in quality by any green-podded bean of its class. $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 70c; 10 lbs., \$2.50.

SCARLET RUNNER. Brilliant scarlet flowering ornamental pole bean. $\frac{1}{4}$ lb., 15c; lb., 40c.

WHITE RUNNER. Same as Scarlet Runner, only white. $\frac{1}{4}$ lb., 15c; lb., 50c.

BEANS—Dwarf Green Podded

BOUNTIFUL. For the market gardener this is one of the popular varieties. Pods are medium size, green and flat. An excellent snap bean. Dry beans are yellowish brown color. Lb., 40c; 2 lbs., 75c; 10 lbs., \$2.75.

ASGROW STRINGLESS BLACK VALENTINE. A very hardy and productive green-podded sort with strong, vigorous vines. The pods are nearly round or slightly flattened but very handsome. A large crop can be depended on and the product is very attractive on the market. It is very extensively used for shipping. The pods are medium dark green and about six inches long. Seed small to medium sized, black, oblong, slightly flattened. Lb., 40c; 2 lbs., 75c; 10 lbs., \$2.75.

Dwarf Green Podded Beans—Continued

GIANT STRINGLESS GREEN POD. A very desirable green-podded snap sort for the home garden and largely grown for the market. Vine is vigorous, spreading and productive. Pods are dark green, five to six inches long, crisp and tender. Lb., 40c; 2 lbs., 75c; 10 lbs., \$2.50.

RED VALENTINE STRINGLESS. For snaps there is nothing superior to this variety among the dwarf green-podded sorts both for home and market garden and many prefer it to the wax varieties. Very fleshy, crisp and tender. Lb., 40c; 2 lbs., 75c; 10 lbs., \$2.50.

STRINGLESS REFUGEE, or 1000 TO 1. Of compact growth and very prolific. The pods are light green, very solid and tender. Lb., 40c; 2 lbs., 65c; 10 lbs., \$2.50.

DWARF HORTICULTURAL. Vines very productive. Pods five inches, fit for use as green shelled beans early. The beans are very large and about equal to the Lima in quality. Lb., 40c; 2 lbs., 75c; 10 lbs., \$2.50.

Pea, per lb.	\$0.20	Imperial, per lb.	\$0.20
Marrow, per lb. ....	.20	White Kidney, per lb. ....	.20
Navy, per lb. ....	.15	Red Kidney, per lb. ....	.20

Special Prices on Bushel Lots

All Prices Subject to Change Without Notice

White Field Beans and Petunias planted in with Potatoes will keep out, drive away or kill Potato Bugs. This has been tried out and found to work successfully.

BEANS—Dwarf or Bush Lima

DREER'S BUSH LIMA. A dwarf variety of the Dreer's Improved Lima. The beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent. Lb., 40c; 2 lbs., 75c.

BURPEE'S BUSH LIMA. True bush form of large white Lima, bush 15 to 20 inches high, 24 to 30 inches diameter, supported by its own thick stems. For productiveness and quality it is not surpassed. Lb., 40c; 2 lbs., 75c.

FORDHOOK BUSH LIMA. An improved dwarf Lima of the Kumerle type. The plant is vigorous and erect growing, bearing well above the ground. The pods, produced in large clusters, are medium green, about four and three-fourths inches long, and contain three to five large beans. Lb., 50c; 2 lbs., \$1.00.

HENDERSON'S BUSH (Baby Lima). 65 days. Very popular for canning. Plant medium large, heavily productive. Pods small; 3 inches long, $\frac{1}{8}$ inch wide, $\frac{1}{4}$ inch thick, contain 3 to 4 seeds. Green shell beans small, flat, of splendid quality. Dry beans white. This is the bush form of Small White Lima (Carolina or Sieva). Pkt., 10c; lb., 35c; 2 lbs., 60c.

BROAD WINDSOR. An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry beans very large and yellowish green. Oz., 10c; lb., 50c.



Crosby's Egyptian Beet.



Fordhook Bush Lima Bean.

BEANS—Pole Lima

SCARLET RUNNER, POLE. Largely grown as an ornamental, for its attractive flower clusters. The shelled beans are quite palatable and serve the same as Limas. Pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c.

KING OF THE GARDEN LIMA. Vines very vigorous and productive. Pods five to six inches long, filled with four or five immense white beans of the finest quality. On account of its large pods it is a favorite with market gardeners. It will come into bearing sooner and will make larger pods if not more than two vines are left to grow on a pole. Lb., 40c; 2 lbs., 75c.

EARLY JERSEY LIMA. Matures a few days earlier than the King of the Garden, and is very productive. The pods contain from three to four large beans, and the quality is good. Lb., 40c; 2 lbs., 75c.

BEETS with a Rich Flavor

Try Them and Taste the Difference.

Rube (Ger.)

Barbabietola (It.)

Best results are obtained on a deep, rich, sandy loam. If wanted very early, sow such sorts as Crosby's Egyptian or Detroit Dark Red in hotbeds and transplant, cutting off the outer leaves. For general crop sow in freshly prepared soil as soon as the ground will permit, in rows eighteen inches apart, covering about an inch deep and pressing the soil firmly over the seed. For winter use the turnip varieties may be sown in June so as to mature late in the season.

EXTRA EARLY EGYPTIAN BLOOD TURNIP. The best variety for forcing and excellent for first early crop out-of-doors, being very early with small tops. Root very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about two inches in diameter when mature. Flesh dark purplish red, zoned lighter shade. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.10. (Same as Albani Beet).

GOOD FOR ALL. 52 to 55 days. An excellent new variety developed from Detroit Dark Red. Especially fine for canning and pickling whole at $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. Roots smooth, even in size and shape, and almost perfectly globular; collar and taproots very small; interior deep crimson, free from white zones. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

CROSBY'S EGYPTIAN, SPECIAL. This special selection is valuable both for the private gardener and the amateur, on account of its reliability to produce a uniform crop of best quality. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth, bright red and flesh vermillion, very sweet and tender. Oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

Special Cash Discount to Market Gardeners.

BEETS—Continued

DETROIT DARK RED. We believe this is the best beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. Tops small, upright in growth. Very smooth and of dark blood red color. Flesh is deep vermillion-red, zoned with a lighter shade of the same color. Careful comparisons with all the prominent varieties on the market in this country and in Europe prove that the Detroit Dark Red Beet is the most uniform in shape and size and the most attractive in color. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

EARLY WONDER. A deep blood red beet, nearly globular, with small, clean tap-root and small sized top. One of the earliest and most uniform bunching beets on the market. A field of Early Wonder Beets will mature so evenly that the crop may be harvested at one time. Pkt., 10c; oz., 15c; lb., \$1.25.

*A door may open anywhere:
Upon a wood or path or lawn,
Or crowded street or road, or there
Where none pass by from dawn to dawn;
But, if you have a mind at peace,
A heart that cannot harden,
Go find a door that opens wide
Upon a little garden.*
E. M. BOULT.

SWISS CHARD. Sea Kale Beets. Grown exclusively for the numerous fleshy, tender leaves and leaf stalks, which are superior to those of other beets for use as greens. The wax-like leaf stems are cooked like asparagus or are pickled. Sometimes called Leaf Beet, Spinach Beet, and Silver Beet. Pkt., 10c; oz., 15c; lb., \$1.00.



Detroit Dark Red Beets.

STOCK and SUGAR BEETS—Mangel Ruben

GOLDEN TANKARD. A smooth, yellow fleshed Mangel. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

MAMMOTH LONG RED. Heavy cropper and large yielder. The roots grow from one-half to two-thirds above the surface. Oz., 10c; lb., 65c.

DANISH SLUDSTRUP MANGEL. Long, reddish yellow root. Grows more above ground, is very easily harvested, and requires but little exertion to pull same. Frequently weigh from 15 to 20 lbs. Oz., 10c; lb., 65c.

IDEAL SUGAR MANGEL BEET. The illustration faithfully shows the shape of this wonderful Mangel. It is a perfect chunk of a beet, being as large at the bottom as at the top. Stands two-thirds above ground. Is easily harvested even on hard soils. This new and original Mangel has been tested alongside thirty other Mangels and by strict laboratory tests on trial grounds and field demonstrations, has proved to be ideal and superior in quality. Lb., \$1.25; 10 lbs., \$11.50.

A.—Contains the greatest amount of sugar of any mangel.	E.—Very easy to harvest.
B.—Grows high above the ground.	F.—Best keeper.
C.—Skin and flesh light yellow.	G.—Splendid ensilage.
D.—Greatest yield of saccharine dry matter.	H.—Has yielded 25 tons to the acre.

The value of this Mangel for stock feeding cannot be over-estimated. No one who keeps horses, sheep or cattle should be without these roots for winter feeding. Too much cannot be said of the marvelous Sugar Mangel for dairy and poultry feed.

Dear Mr. Ebeling:

I have been growing Ideal Sugar Mangel Beets for five years, and think there is nothing like them for keeping your milk cows and young stock and poultry in a good healthy condition. I have a bull two and one-half years old, weighs over eighteen hundred pounds now, and this bull has had no grain, nothing but beets, hay and ensilage.

This year I had 1 $\frac{1}{4}$ acres and harvested one thousand, six hundred and seventy-eight (1678) measured bushels or over fifty tons of Ideal Sugar Mangel Beets. Dairymen should raise more Ideal Mangel Beets, so easy to raise, keep well and long. I have fed them as late as August 10. The biggest advantage is that they are very easy to harvest and some weigh 15 lbs. or more.

Very truly yours,

EARL ROBERTS.

Sauquoit, N. Y. Dec. 9, 1932.

(Note this testimonial from an old customer of many years).

BROCCOLI

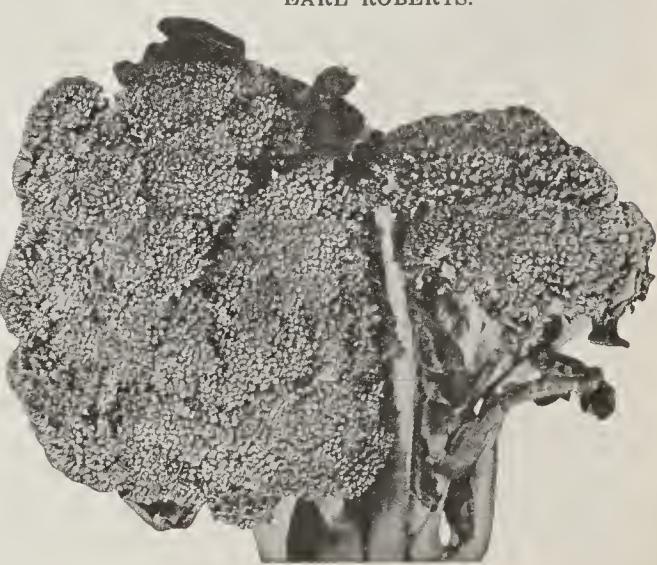
Spargelkohl (Ger.) Broccoli (It.)

ITALIAN GREEN SPROUTING. Recently introduced from Europe and very popular here. It is quite distinct from the white heading Broccoli. The plants are rapid growing and produce a large head at center of plant in about ninety days from date of planting. The head is a compact cluster of tightly closed buds and resembles cauliflower only in shape, as the color is dull bluish green. It is used without blanching and ready for use as soon as fully developed. After this central head is removed the plant produces many branches, each bearing smaller terminal and lateral heads which are fully as desirable as the first head produced. If these heads are gathered as soon as they become large enough for use, the plant will continue to produce for a period of eight to ten weeks. Quality fully equal to cauliflower and by some considered superior. The secondary heads are four to six inches in length and these stems are fully as desirable as the heads. Served same as asparagus. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

PURPLE CAPE. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 60c.

EARLY LARGE WHITE FRENCH. Hardy, vigorous and easily grown. Heads white. Pkt., 10c; oz., 60c.

Dairymen's League Certificate of Indebtedness accepted in the purchase of seed.



Italian Broccoli.

BRUSSELS SPROUTS

Rosenkohl (Ger.)

Cavoli di Bruxelles (It.)

This vegetable is used in the fall and early winter and by some considered more tender and delicious than any cabbage. Resembles the cabbage, the edible part being the numerous very small heads or sprouts an inch or two in diameter.

IMPROVED HALF DWARF. The most useful variety, one and one-half to three feet high. Pkt., 10c; oz., 30c.

CABBAGES—of all Types

Kopf-Kohl

EARLY JERSEY WAKEFIELD. The best early cabbage in cultivation. Forms fine solid heads of good size, pointed heads with few outer leaves. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

SUCCESSION. We consider it one of our most valuable contributions to horticulture. It would be classed as a second early variety, coming in a few days later than Early Summer, but double the size. Pkt., 10c; oz., 25c; lb., \$3.00.

MAMMOTH RED ROCK. Large, round, solid heads, slightly flattened. Plants large, with numerous spreading leaves. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$4.00.

AMERICAN DRUMHEAD SAVOY. The best of the late Savoys for house use or for the market. The plant is robust with short stem. Is very much curled or wrinkled. A sure header of large size and the best of the Green Globe Drumhead Savoy. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$4.00.

GOLDEN ACRE. It resembles the "Copenhagen Market," head perfectly round, and leaves saucer-shaped. It matures ten days earlier than Copenhagen Market. The Golden Acre begins to form head as soon as the leaves have reached the size of a saucer and the growth may be observed almost from day to day. It matures in eighty days from date of sowing, and no other cabbage, including the earliest Jersey Wakefield, has proven as early. We believe it to be the earliest cabbage in existence. Average weight is 5 lbs. Occupies only 20-inch space. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.00.

COPENHAGEN MARKET. This new Danish cabbage is the largest and earliest ball-shaped variety known. Heads very solid, of wonderful quality, with small cores and weighing from 10 to 15 pounds. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.



Early Copenhagen Market Cabbage.

GLORY OF ENKHUIZEN. A very large early cabbage, heads nearly round, very solid, and which has proved to be one of the most profitable of the early market cabbages. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

DANISH BALLHEAD. Short-stemmed. We consider this the best strain of Danish cabbage. The heads are large, almost perfectly round, very hard, solid and of good deep green color. This strain of seed produces larger heads and consequently heavier yields than the old style Danish cabbage. A number of large fields in this locality have yielded as high as 22 tons per acre. There is no finer strain than this. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

FERRY'S HOLLANDER. Decidedly the best variety of late Cabbage. Heads become firm while still rather small, reach good marketable size 90 to 100 days after setting plants in the field, but continue to enlarge, becoming mature in about 120 days. Plants medium small, allowing closer planting than any other late Cabbage; short stemmed, erect and compact; extremely hardy. Heads spherical; 6 $\frac{1}{2}$ to 7 inches in diameter, weight 6 to 7 lbs., remarkably firm and solid, of splendid quality, and keep perfectly in storage, until late spring. Oz., 60c; 2 ozs., \$1.00; $\frac{1}{4}$ lb., \$1.75.

FLAT DUTCH. A fine, very large, late winter variety. Very popular on account of size, quality and yield. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.50.

LATE DRUMHEAD. One of the old-fashioned big growing sorts. So well known that a description is unnecessary. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

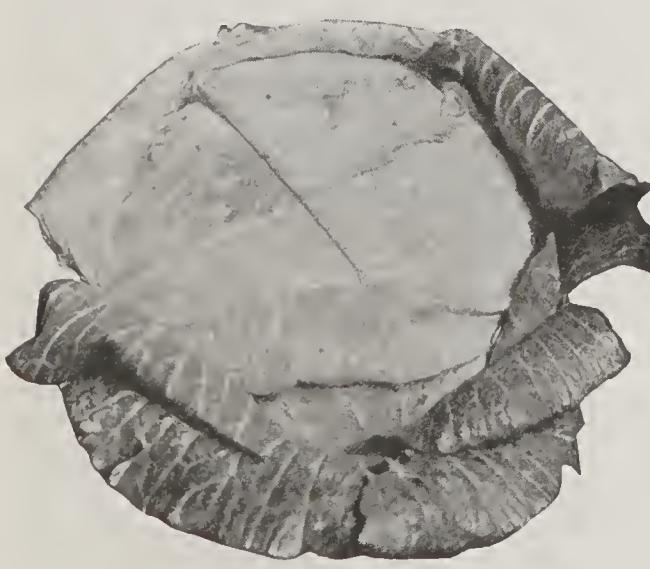
PE-TSAI. This fine vegetable resembles Cos Lettuce. The head is large and compact, and all but the outer leaves blanch a creamy white. Very crisp and tender, and in every way adapted for the home garden. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 85c.

Special Cash Discount to Market Gardeners.

Remedy for Cabbage Worms

One quart salt, mix with one tablespoon Cayenne Pepper. Sprinkle moderately into the heart of cabbage. Apply once a week for several weeks. Will keep worms off and produce perfect heads.

Sow Radish seed in with Cabbage and the bugs will not touch Cabbage and thus save the plants.



Flat Dutch Cabbage.

TABLE QUALITY CARROTS

Carotten (Ger.)

Carota (It.)

MORSE'S BUNCHING. Tops short; foliage rather coarsely cut and stems medium size and strong. Roots at maturity are $1\frac{1}{4}$ by $1\frac{1}{2}$ by 8 inches in size, almost cylindrical with rounded shoulders, and are well stumped. Oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

EARLY FRENCH FORCING. The earliest variety in cultivation and the best suited for forcing. Tops small, finely divided. The reddish orange colored roots are nearly round. When fully matured they are about 2 inches in diameter, but should be used before they are full grown and while young and tender. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

EARLY SHORT HORN. Excellent for early planting out-of-doors. Tops small, coarsely divided. Roots top-shaped, but tapering abruptly to a small tap. Skin orange-red. Oz., 15c; $\frac{1}{4}$ lb., 70c; lb., \$1.75.

GUERANDE or OX HEART. Tops small for the size of the roots which are comparatively short but often reach a diameter of five inches, terminating abruptly in a small tap root. Flesh bright orange, fine grained and sweet. This variety is especially desirable for soil so hard and stiff that longer rooted sorts would not thrive in it. When young, excellent for table use, and when mature equally good for stock. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25.

DANVERS. Grown largely on account of its great productiveness and adaptability to all classes of soil. Tops of medium size, coarsely divided. The smooth and handsome roots are deep orange, of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender and of a deep orange color. Although the roots of this variety are short, they produce as large a bulk as the longer field sorts and are more easily harvested. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

CHANTENAY RED CORED. 70 days. This is a distinct improvement over the well known Chantenay, especially in color, texture, and quality of flesh. Roots $5\frac{1}{2}$ to 6 inches long, $2\frac{1}{4}$ inches thick at the shoulder; tapered, stump-rooted; flesh and core reddish orange, fine grained, and tender; of sweet delicate flavor. Oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.50.



Chantenay Carrot.

LONG ORANGE. The most popular for farm use on mellow soil. An improvement attained by years of careful selection of the best formed and deepest colored roots. Oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25.

WHITE BELGIAN. Grows one-third out of the ground. Root white, green above ground, with small top. Flesh rather coarse. The roots are large and it is extensively grown for stock feeding. Oz., 10c; lb., \$1.00.

CAULIFLOWER

Blumenkohl (Ger.) Cavoletto (It.)

EARLY SNOWBALL. The most popular and profitable of the Cauliflower family. Heads of uniform size, snowy white, very tender, and owing to its attractive appearance a most desirable market variety. Seed grown in Denmark.

Pkt., 10c; oz., \$1.75; $\frac{1}{4}$ lb., \$6.00.



Danish Giant Cauliflower.

SUPER SNOWBALL. This Cauliflower makes a pure white, large, solid, round head and it matures a few days later than Early Snowball. Heads and outer leaves are somewhat larger than Early Snowball and leaves cover the heads almost fully. It is a new and outstanding type either for early or summer crop and it stands heat very well. Oz., \$2.00.

CELERY

Sellerie (Ger.) Sedano (It.)

Culture. Celery seed is slow to germinate, and ample time must be given. Sow thinly; cover lightly. Keep constantly moist. Count on about 7,500 plants per ounce of seed, or $\frac{1}{4}$ pound per acre. When the seedling plants are three inches high they should be clipped at the top, to favor stocky growth, or else transplanted. Celery is mostly grown under flat culture, without trenches, in rows 4 feet apart, 6 inches apart in row.

COLUMBIA. An exceptionally fine, early variety, is of medium height, but very stocky. Stalks are thick, almost round, are of a rich, yellow color, and its fine flavor and crispness will please the most critical. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

GOLDEN SELF-BLANCHING. This is the very best celery for early use. It is in condition as early in the fall as any, and we have yet to find an extra early sort equal in quality and appearance to our stock of Golden Yellow Self-Blanching. Critical gardeners and consumers generally depend upon this variety to produce their best early celery. Plants of medium size, compact and stocky—with yellowish green foliage. As they mature the inner stems and leaves turn a beautiful golden yellow, so that blanching is effected at a small expense of time and labor. Oz., 65c; $\frac{1}{4}$ lb., \$2.00; lb., \$7.50.

CELERY—Continued

GOLDEN PLUME CELERY. A large early Celery of superfine quality and appearance. Large heavy stalks with a full, solid heart of golden yellow, easy to blanch, a good keeper, and always of the crisp, brittle and nutty quality so much desired. Shows a marked resistance to blight, so often affecting the early yellow strains. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 70c.

WONDERFUL. Authorities pronounce this the best golden self-blanching celery. Matures two to three weeks before any other and blanches in half the time required by others. Large, crisp, tender. No strings. Broad stalk, does not grow hollow, and all of it, including the foliage, is good eating. Marked resistance to blight and rust, earlier maturity, superior keeping qualities. It possesses a fine, nutlike flavor, and is handsome in appearance. We offer the raiser's original strain. Pkt., 25c; oz., 65c; $\frac{1}{4}$ lb., \$2.00.

WHITE PLUME. A handsome very early sort. In great demand as a market celery, owing to its very attractive appearance. Requires a short time only for blanching. Leaves light green with tips almost white. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50; lb., \$3.00.

EASY BLANCHING. A new variety of great merit. The habit is dwarf and compact, with light green foliage which has almost a yellowish hue. It is very easily blanched and might be termed a second-early variety, as it is ready for use to follow Golden Self-Blanching. Stalks pure white, heavy and crisp. Pkt., 10c; oz., 65c; $\frac{1}{4}$ lb., \$2.00.

WINTER QUEEN. This is without question the most valuable variety of celery for winter and spring use, even excelling the celebrated Perfection Heartwell as a winter keeper. It is thicker and heavier with double the heart of any celery. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.



Golden Yellow Self-Blanching Celery.
Celery originated in Germany.

ASPARAGUS CHICORY, Italian Strain. Very popular with the Italian gardeners. Oz., 30c; lb., \$3.00.

Collards

Blaeterkohl (Ger.)

Culture. Same as late cabbage. May be grown directly in the seed rows, or transplanted 2 feet apart. Best after being touched by frost, which greatly improves flavor and tenderness.

CREOLE or SOUTHERN. Grows 2 to 3 ft. high, and forms bunches of tender delicate leaves slightly curled at edges. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

SWEET CORN—Is the Supreme Garden Crop

KINGSCROSS GOLDEN BANTAM. This new Corn is bred for wilt resistance, high yield, and superlative quality. Matures 4 to 5 days later than Golden Bantam. Stalks 6 feet high and usually bear 2 ears having 10 to 14 rows of light golden yellow kernels. A most profitable market variety. This Corn when ripe cannot be used for seed, however. 1 lb., 40c; 2 lbs., 75c; 10 lbs., \$3.50.

GOLDEN SUNSHINE or IMPROVED GOLDEN BANTAM. Golden Sunshine is one week earlier than the Early Golden Bantam Sweet Corn. This is the Yaeger South Dakota strain. Very fine. Unusually sweet and early 12-row. It's the market gardener's best crop for profit. Lb., 40c; 10 lbs., \$3.50.

GOLDEN BANTAM. 8 row. Introduced by W. Atlee Burpee Company. The best known and most favorably known of all the yellow varieties. Stalks often have 2 ears. Ears 8 rowed; kernels broad, with tender hull, sweet, and of exceptionally fine flavor. Used widely for home gardens, by truckers, and for canning. Lb., 40c; 10 lbs., \$3.00.

GOLDEN BANTAM CORN (Burbank Strain). Ready for table use 65 to 70 days from planting. Stalk about 5 feet high. Fifty per cent of stalks will usually have 2 ears. Ears are longer than Golden Bantam. 12 to 16 rows but usually 14. Color beautiful yellow. A market gardener's favorite. Lb., 40c; 10 lbs., \$3.00.

WHIPPLE'S EARLY YELLOW. This is a wonderful early yellow corn, either for home or market use. The ears are very large, 8 to 9 inches long, have 12 to 14 rows of deep kernels. Ready for use 3 or 4 days later than Golden Bantam and ears are almost as large as Evergreen. Quality excellent. Lb., 40c; 10 lbs., \$3.50.

Ask for Our New Golden Cross Bantam Sweet Corn. Yields Double.



White Plume Celery.

Celeriac

or German Celery

LARGE SMOOTH PRAGUE. The best of all with a large smooth root of splendid quality. Pkt., 10c; oz., 35c.

Chervil, Curled
Gartenkerbel

Treat like parsley. A valuable flavoring herb. Pkt., 10c; oz., 30c; lb., \$2.00.

Chicory
or French Endive

Cichorien-Wurzel (Ger.)

Cicoria Selvatica (It.)

WITLOOF. Sown in May and June in drills. Transplant or thin to 6 inches; treat as endive, and bank up like celery. The stalks, blanched, make a delicious salad. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c.



Golden Sunshine Sweet Corn.

SWEET CORN—Continued

GOLDEN GIANT. The largest of the yellow sugar varieties, the ears about 8 inches long, small cob, with 12 to 18 rows, juicy and sweet. Pkt., 40c; 2 lbs., 75c; 10 lbs., \$3.00.

BLACK MEXICAN. This corn, when in condition for the table, cooks a bluish black. It is surpassed by none in tenderness and is a most desirable second early sort. Ears about 8 inches long, usually 8-rowed. 1 lb., 40c; 10 lbs., \$3.00.

GOLDEN EVERGREEN SWEET CORN. New variety, extra fine, very sweet and tender, and keeps in eating condition longer than most sweet corns. Ten days to two weeks earlier than Stowell's Evergreen. A cross with Stowell's Evergreen and Sweet Orange, which is a second early, yellow, very tender and extra sweet variety. 1 lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.

EARLY EVERGREEN. We have tested many samples of Evergreen corn that were claimed to be earlier than Stowell's Evergreen and to be just as good, but we have never found any of them so valuable as the stock of this variety we offer. It has been proven both on our trial grounds and in the field to come into fit condition for use much earlier than Stowell's Evergreen and to remain in condition quite as long. Ears about 7 inches long, with 14 to 20 more or less irregular rows with very deep grain which is of the very best quality. Plants average from 6½ to 7 ft. high and in ear resemble those of Stowell's Evergreen, but differ in earliness and we think are more uniform. A standard main crop variety for home garden and market; also well adapted for canning. 1 lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.

STOWELL'S EVERGREEN. 1 lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.

COUNTRY GENTLEMAN. There is no sweet corn that compares with the Country Gentleman for sweetness. It is the variety par excellence where quality is desired. Market gardeners who make a specialty of growing for hotels and high class restaurant trade use this as a main crop in preference to any other. For home use it will be found superior and it is very productive. The fact that it is a favorite variety with canners proves its merit. 1 lb., 40c; 2 lbs., 75c; 10 lbs., \$3.00.

POP CORN

	Pkt.	1 lb.		Pkt.	1 lb.		
Queen's Golden	.....	\$0.10	\$0.25	Red	.....	\$0.10	\$0.25
Little Buster or Jap Hulless	.10	.25		White Rice	.....	.10	.25
T.N.T. or Dynamite	.....				.....	.10	.25
Yellow Rice	.....				.....	.10	.25

Valeriana (It.)

CORN SALAD

Feldsalat (Ger.)

Large round-leaved or small seeded. Oz., 15c; lb., \$1.25.

Kresse (Ger.)

CRESS or PEPPER GRASS

Agretto (It.)

CRESS. Fine for salads. Garden curled. Oz., 15c; lb., 85c.

WATER CRESS. Dwarf. Fine curled, grows in shallow water. Pkt., 10c; oz., 45c; ¼ lb., \$1.25.

CUCUMBERS—for Salads and Pickles

Cetriolo (It.) Cucumbers came from the East Indies.

Gurken (Ger.)

Culture. Flourish best in a rich, warm, sandy loam. Sow when danger of frost is over in hills 4 or 5 feet each way. As the young plant has many enemies sow thickly half an inch deep, and thin out finally to 3 or 4 plants to the hill. Use 1 ounce of seed to 75 hills, 2 to 3 pounds to the acre. Gather cucumbers by cutting, not tearing. Leave none to ripen if you want a full crop.

EARLY CLUSTER. An early and very productive variety. Fruit small, thick at the end, dark green, but lighter at blossom end, borne in pairs or clusters and largely near the root. Used to some extent for pickles. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75

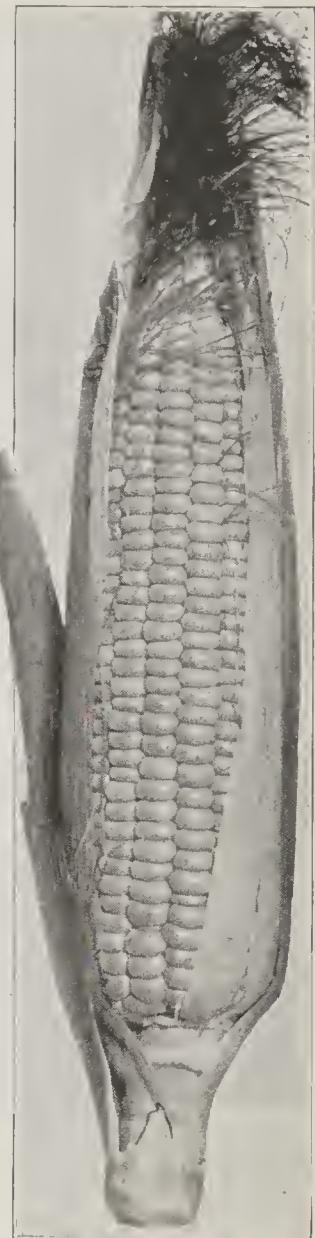
EARLY FORTUNE. Slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp, making it especially good for slicing. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

WHITE SPINE IMPROVED or ARLINGTON. Great bearer; standard for outdoors. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

DAVIS PERFECTION. A distinct variety of the hardy White Spine type. Fruit large, symmetrical, dark green and thickly set with fine spines. Very prolific, bears a long time. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

LONGFELLOW. A new and exceptionally fine long, very dark green white spine, resembling a hothouse cucumber even when grown out-of-doors. Fruits 12 to 14 inches long, solid and crisp, with few seeds; an excellent forcer. Pkt., 10c; oz., 30c; lb., \$2.50.

LONG GREEN. Fruit from 10 to 12 inches long, dark green, very firm and crisp. It is used largely for slicing, but on account of its firmness and crispness is popular with some for pickling and is especially desirable, when mature, for sweet pickles. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.50.



Early Evergreen Corn.



Field of Cucumbers—grown by Henry Zinsmeyer, near No. Syracuse, N. Y.
Grown from F. H. Ebeling Seeds.

CUCUMBERS—Continued

BOSTON PICKLING. A favorite for pickling. Medium size; smooth; light green; productive. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.

CHICAGO PICKLING. This variety is preferred above all others by the largest pickling establishments in Chicago and elsewhere. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.

JAPANESE CLIMBING. Vigorous grower, with strong, grasping tendrils which enable it to climb trellis netting or brush. Fruit of good size. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$1.75.

ROLLISON'S TELEGRAPH. A standard greenhouse variety, English greenhouse grown stock. $\frac{1}{2}$ pkt., 30c; pkt., 50c.

SMALL GHERKIN. A curious, rough little cucumber, used exclusively for pickling, for which purpose it is in high favor. Makes handsome pickle of first-class quality. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.00.

Black
Beauty
Eggplant.



FENNEL. Sweet. See Herbs.

GARLIC. (Knoblauch, Ger.) (Agilo, It.) Sets, lb., 60c.

HERBS

Aromatic, medicinal and pot herbs. See page 32.

HORSERADISH

Roots, per doz., 40c; \$2.00 per 100; \$13.00 per 1000.

KALE or BORECOLE

Blaetterkohl (Ger.) Cavolo rapa (It.)

Sow in May and transplant in June, and treat generally as for cabbage.

DWARF CURLED SCOTCH. A standard variety. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c.

TALL GREEN CURLED. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c.

KOHL-RABI

Knollkohl (Ger.) Cavolo rapa (It.)

White, above ground. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.
Purple, above ground. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c.

LEEK

Lauch-Porree (Ger.) Porro (It.)

AMERICAN FLAG. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

LETTUCE—Curled Sorts

Every Garden Can Grow This Finest of Health Foods.

Kopfsalat (Ger.) Lohuga (It.)

Culture. Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, sow as soon as ground can be fitted.

SIMPSON EARLY CURLED. White Seeded. A very extensively used early loose-leaved or clustering variety. Leaves light green, slightly frilled and much blistered. Crisp, sweet and tender. Especially adapted for thick sowing. Very fine for poultry feeding. Pkt., 10c; oz., 15c; lb., \$1.50.



Chicago
Pickling.

DANDELION

BROAD-LEAVED. Extra selected with large broad leaves. An excellent and healthful salad plant. Pkt., 10c; oz., 75c; $\frac{1}{4}$ lb., \$2.00.

COMMON. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.00.

DILL

MAMMOTH. An annual aromatic herb with warm pungent taste. Seeds are used for seasoning. Its largest use is for making Dill pickles. Two to three feet high. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EGGPLANT

Eierpflanze (Ger.)

Petronciano (It.)

Culture. Plant the seed in March in a hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows 2 feet apart each way. Require rich soil.

BLACK BEAUTY. Considered the earliest of the large fruited varieties.

Color, a rich purple. Pkt., 10c; oz., 50c; 4 ozs., \$1.50.

NEW YORK IMPROVED PURPLE. Surpassing all in size of fruit. Standard market sort. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.40.

ENDIVE

Endivien (Ger.)

Endivia (It.)

"Escarolle"

Broad Leaf

Culture. Sow as soon as the ground can be worked, in drills 15 inches apart, and thin plants to 6 to 8 inches in a row. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. The leaves are very highly esteemed for use as salads. One ounce will sow 150 feet of drill.

LONDON GREEN CURLED. A standard sort. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

WHITE CURLED. A beautiful variety, with leaves as finely curled or mossed as the preceding, but of an attractive light green color. Blanches easily and has a most delicious and crisp flavor. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

BROAD-LEAVED BATAVIAN. A large summer variety. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



White Curled Endive.

LETTUCE—Continued

GRAND RAPIDS. Black Seed. As a greenhouse forcing lettuce this stands at the head of the list. Quick growing, very hardy—not liable to rot. The plant is upright, forms a loose cluster of large thin bright green leaves, savoyed, finely crumpled at the edges. Very attractive and desirable for garnishing. Pkt., 10c; oz., 20c; lb., \$1.50.

ONONDAGA. This remarkable variety was introduced by us many years ago. A splendid greenhouse sort, slightly fringed, forming a semi-head, a wonderful shipping and keeping variety, green under glass and of slightly reddish cast when grown in the open. Tender, crisp. Pkt., 10c; oz., 20c; lb., \$1.50.

Cabbage or Heading Varieties

MAY KING. Seed White. This is a handsome, extremely early, compact cabbage or heading variety for the home garden and market, forming very firm heads of medium size and excellent quality. The color is light yellowish green, tinged with reddish brown when mature. The inner leaves blanch rich golden yellow, very tender and buttery. The plant is very compact for so large a head. Pkt., 10c; oz., 15c; lb., \$1.50.

BIG BOSTON. This market variety is very popular for outdoor culture and is also in demand as a compact, large heading, forcing sort for cold frames. The plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth but wavy at the edge, very hardy and vigorous. Thin, very hard and crisp. In color bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. Pkt., 10c; oz., 20c; lb., \$1.50.



Hanson Head Lettuce.

HALE'S BEST. An outstanding, early shipping Cantaloupe. Planted extensively in melon producing sections of the West and South, for early shipping. Fruits oval; inconspicuous ribbing with heavy netting. Flesh extremely thick, salmon-orange, sweet and of very fine quality. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

HEARTS OF GOLD or IMPROVED HOODOO. Melons of medium size, round and distinctly ribbed, and present a fine, attractive appearance. The rind and flesh are very firm, the skin thickly netted, and flesh a rich, deep orange of sweet and spicy flavor. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.35.

BENDER'S SURPRISE. A fine variety of exceptional merit. The fruits are round and deeply ribbed and finely netted. Salmon-fleshed, thick meated, delicious in flavor. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

EMERALD GEM. A splendid early variety, coming in just ahead of Rocky Ford. Fruits deep emerald green in color, globular or slightly flattened, irregularly and distinctly ribbed and lightly netted. Flesh very thick, sweet and of a deep, rich salmon-yellow. Pkt., 10c; oz., 15c; lb., \$1.25.

Dairymen's League Certificate of Indebtedness accepted in the purchase of seed.



Grand Rapids Lettuce.

UNRIVALED. Same as Big Boston, but smaller and earlier. Pkt., 10c; oz., 15c; lb., \$1.50.

HANSON HEAD. Seed White. A very desirable late summer lettuce. The plant is compact and forms a cabbage-like head which remains in condition longer than summer-head sorts. Outer leaves bright, yellowish green and broad. Inner leaves white, crisp and sweet. Pkt., 10c; oz., 15c; lb., \$1.50.

ICEBERG or NEW YORK HEAD. Curled or crisp as iceberg, dark green heads somewhat conical. Pkt., 10c; oz., 15c; lb., \$1.75.

ROMAINE or WHITE COS. This Lettuce differs in shape from other sorts, the head being elongated and of conical form, about 9 inches in height and about 6 inches in diameter. Outer coloring yellow-green. Pkt., 10c; oz., 20c; lb., \$1.50.

CHICKEN LETTUCE. Does not make a head but sends up a stout stalk 3 to 4 feet high. Just loaded with leaves. When once cut it starts to grow again. A great chicken feed. Pkt., 10c; oz., 20c; lb., \$1.50.

MELONS

To Fit Your Growing Season.

Melone (Ger.) **Popone (It.)**

The Muskmelon succeeds best in warm, rich soil. While both plant food and humus are necessary to all plants, all vines require an extra amount. Manure contains both, while rotted turf and commercial fertilizer combined supply both. If manure is used it should be well rotted, finely pulverized and evenly distributed through the soil.

GOLDEN CHAMPLAIN, New Melon. Of good size, tough rind, very thick flesh, and small seed cavity. Color is gray from the netting, underlaid with dark green. Flesh a rich golden color, very tender, juicy and sweet, fine grained and free from stringiness, delicious clear to the rind. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



Hearts of Gold Muskmelon.

MILLER'S CREAM or OSAGE Larger than Emerald Gem. Nearly round in form, but having the same distinct dark green skin with lighter bands between the ribs, and thick, firm, orange flesh of fine quality. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

ROCKY FORD, RUST-RESISTING. Like Netted Gem. More largely grown than any other of the small or basket melons and shipped in enormous quantities from Colorado and Arizona. Fruit oval, slightly ribbed, densely covered with fine netting. Flesh green, thick, very sweet and of rich flavor. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.25.

HONEY DEW MELON. "Sweetest Melon Ever Grown." The rind is a dull white when ripe. Part of the melon shows a slight check in the rind like a tendency to net. The size runs from 6 to 7 inches in diameter from top to bottom, and 8 inches in length. The matured melons are practically all of the same shape and size. Flesh is a light green and is almost honey sweet. This melon will keep several weeks. This is one of the best market melons known. Vines vigorous, and produce 6 to 10 fine melons to the hill. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

WATERMELON

Short Season Varieties Are Necessary in North
Melone (Ger.) Popone (It.)

SWEET HEART. Introduced in 1894 and is very popular as a shipping melon, particularly in the South. Fruit of largest size; color very light green. Flesh bright red, tender and sweet. Pkt., 10c; oz., 15c; lb., \$1.00.

KLECKLEY'S SWEETS or MONTE CRISTO. Distinctly a home garden melon as the dark bluish green rind is so crisp that it breaks easily. The long, oval fruits are slightly larger near the blossom end. They weigh from 25 to 35 pounds and ripen in 105 days. We know of none better in quality of flesh. 1 oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

COLE'S EARLY. An early, oval-shaped variety. Large heart, flesh of fine texture and good flavor. It grows to a medium size, and the skin is green with light stripes. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

HARRIS' EARLIEST. This excellent watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape. The flesh is solid, bright red, very tender and sweet. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

FORDHOOK EARLY. Fordhook Early Watermelon will ripen in sections too cool to grow a good crop of any other watermelon. There is no other melon of such large size which can make this claim. We would suggest that you make a trial of Fordhook Early. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

MUSHROOM SPAWN

Large, vigorous and finely flavored mushrooms, either French or English. Brick, about $1\frac{1}{4}$ lbs., 50c.



Rocky Ford Muskmelon.

MUSTARD

WHITE ENGLISH. Leaves comparatively small and smooth, deeply cut or divided and of medium dark green color. Plant upright, of rapid growth and soon bolts to seed. Leaves, when young, are mild and tender. Pkt., 10c; oz., 15c; lb., \$1.00.

SOUTHERN GIANT CURLED. Leaves large, light green with tinge of yellow, much crimped and frilled at edges. Plant upright or slightly spreading in growth. Pkt., 10c; oz., 15c; lb., \$1.00.

NASTURTIUM - See Flower Seeds

TALL MIXED GARDEN. Sometimes called Indian Cress. Grown not only for ornament but the beautiful orange-colored flowers and foliage are used for garnishing and the young leaves or shoots are excellent for salads. The green seed pods are greatly esteemed by many for use in mixed pickles. Sow early in spring, preferably in rather light soil, in rows 3 feet apart and 2 inches apart in the row, covering 1 inch deep. When the young plants are about 4 inches high, thin to 6 inches apart in the row. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

DWARF NASTURTIUM, Mixed. Oz., 10c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

TALL NASTURTIUMS. Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

OKRA or GUMBO

The young seed pods are used in soups, stews, catsups, etc. Highly esteemed in the South. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart, covering with about an inch of fine soil.

WHITE VELVET. Plant is about $3\frac{1}{2}$ feet high, early maturing and very productive. Pods white, long, smooth and are tender until nearly full sized. Pkt., 10c; oz., 15c; lb., 75c.

PURE BRED ONION SEEDS

The Onion originated in Egypt.

Zwiebel (Ger.)

Cipolio (It.)

PRIZETAKER. Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm; very fine grained, and of mild, delicate flavor. The outside skin is rich yellow while the flesh is white. Pkt., 10c; oz., 25c; lb., \$2.50.

SOUTHPORT WHITE GLOBE. This grows to a very large size and is a perfectly globe-shaped onion. Color is a clear pure white. This variety is used by the market gardeners for bunching. Pkt., 10c; oz., 35c; lb., \$4.00.

EARLY FLAT YELLOW DANVERS. A good variety, but not as round or quite as early as the Yellow Globe Danvers. Very productive. Oz., 25c; lb., \$2.50.

SOUTHPORT YELLOW GLOBE. A large, perfectly shaped Globe onion and an excellent onion for keeping throughout the winter. A very heavy cropper, handsome in appearance and good dark yellow color. Pkt., 10c; oz., 35c; lb., \$3.50.



Yellow Globe Danvers Onion.

ONIONS—Continued

YELLOW GLOBE DANVERS. This fine onion is of large size, an early and abundant cropper. Bulbs very thick, flat or slightly convex bottoms, full oval top with small neck and rich brownish yellow skin. Pkt., 10c; oz., 35c; lb., \$3.75.

EBENEZER or "JAPANESE." The onions are not unlike Yellow Globe Danvers in shape and size, but are superior in flavor and keep longer. They are firm, solid, have a thin skin, and are agreeably mild. Also planted extensively to produce small sets for the following season. Pkt., 10c; oz., 35c; lb., \$3.00.

SOUTHPORT RED GLOBE. This is a fine keeper. Large size and considered one of the best red onions. Flesh is fine grained, very mild and tender. Pkt., 10c; oz., 35c; lb., \$3.00.

WHITE PORTUGAL. (American Silverskin). This is the best sort to sow—for onion sets or for pickling; sown thickly for either it makes a small, round, hard bulb. Pkt., 10c; oz., 35c; lb., \$3.25.

AILSA CRAIG. A handsome globular variety, growing to an enormous size, with pale yellow skin, flesh white, a good keeper and valuable for exhibi-

tion purposes. Very fine for home gardens. Pkt., 10c; oz., 35c; lb., \$3.50.

LARGE RED WETHERSFIELD. We have a very fine and select strain of this sort. Color is deep purplish red, flesh white, moderately grained and very firm. Yields an enormous amount per acre, and is one of the best winter keeping onions. Pkt., 10c; oz., 30c; lb., \$3.00.

YELLOW SWEET SPANISH. An increasingly popular large yellow variety of Spanish origin, similar to Prizetaker, but larger. Globular, with golden yellow skin; flesh white, very mild, and of pleasing flavor. Prolific and desirable for shipping and fall storage. Oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75.

Onion Sets

BROWN BOTTOM SETS. Treated precisely as top onions are, setting them out in the spring instead of sowing seed. Qt., 30c; bu., \$7.00.

YELLOW BOTTOM SETS. Like the preceding except in color and used in the same manner. Qt., 30c; bu., \$7.00.

WHITE BOTTOM SETS. These do not keep as well as the brown and yellow, but produce beautiful white onions early in the season. Qt., 30c; bu., \$7.00.

PARSLEY

Petersille (Ger.)

Prezzemolo (It.)

Culture. Sow seeds in shallow drills in the early spring for border, or in rows 12 to 13 inches apart, care being taken that the drills be not more than one-half inch in depth, and that the seed be well pressed down after sowing, as the seed germinates very slowly, 3 to 5 weeks elapsing sometimes before it makes its appearance. Use one ounce to 150 feet of drill, three pounds to an acre. Cultivate frequently.

PLAIN PARSLEY. The leaves of this variety are flat, deeply cut but not curled. Very desirable for flavoring soups and stews and for drying. It is a favorite on account of its very dark green leaves, as well as its hardiness. Pkt., 10c; oz., 15c; lb., \$1.50.

CHAMPION MOSS CURLED. This is a vigorous, compact growing variety, excellent for garnishing and flavoring. A handsome decorative plant. Leaves very finely cut and so closely crisped or curled as to resemble bunches of moss. Fine deep green color and very attractive foliage. Pkt., 10c; oz., 15c; lb., \$1.50.

Parsley was first known in Sardinia.

PARSNIPS

Pastinake (Ger.)

Pastinaca (It.)

Culture. Sow in early spring, in rows 2 to 3 ft. apart, thin to 4 or 6 inches in the row. One ounce of seed will sow 200 feet of drill, four to five pounds per acre in drills $2\frac{1}{2}$ feet apart. Cover the seed one-half inch. Use rotted manure and fertilizer. Parsnips may be left in the ground all winter.

IMPROVED HOLLOW CROWN. This really is the greatest old-time favorite among the parsnips and has a host of friends which it will never lose. It is very smooth, white, with a very thick shoulder and tapering down to a graceful point. One of the best known, none better. Pkt., 10c; oz., 15c; lb., \$1.00.

GUERNSEY. (Same as Hollow Crown). Greatly improved strain. The roots do not grow as long as the Hollow Crown, but are of greater diameter and very easily gathered. A very heavy cropper. Roots very smooth. Flesh fine grained and of excellent quality. Pkt., 10c; oz., 15c; lb., \$1.00.



Improved Hollow Crown Parsnip.



Champion Moss Curled Parsley.

PEAS

Your Own Peas Are Sweetest

Erbsen (Ger.) Piselli (It.)

For early peas the soil should be light and warm, but for general crop a moderately heavy soil is better. Fresh manure and very rich or wet mucky soil should be avoided, as they cause a rank growth of vine at the cost of the quality of the peas. Such soil is often the cause of early sorts maturing unevenly. Sow as early as possible a few of some early variety on warm, quick soil, prepared the fall before, planting in double rows 6 to 8 inches apart and $2\frac{1}{2}$ to 4 feet between the double rows.

EARLIEST OF ALL or ALASKA. Medium sized, bright green peas of good flavor. Vines medium height, $2\frac{1}{2}$ to 3 feet, and of distinctive light color. Pods about $2\frac{1}{2}$ to $2\frac{3}{4}$ inches long. Matures all the crop at once. Lb., 30c; 2 lbs., 55c; 10 lbs., \$2.50; 100 lbs., \$17.00.

LAXTONIAN. A little earlier than other dwarf large-podded peas, this variety is generally considered the best of its class. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. It is especially recommended for home garden use. The seeds are large, wrinkled; green and cream in color. Pkt., 10c; lb., 40c; 10 lbs., \$3.50.



Thomas
Laxton
Peas.

PEAS—Improved Varieties—Prolific Yielders

HUNDREDFOLD. A very fine, large podded, dwarf, extra early Pea, and one which we can with confidence recommend. It matures in from 60 to 63 days, and as its name implies, it bears an enormous crop of dark green pods containing 7 to 8 large peas of very tender quality and fine flavor. The vines grow only to a height of 14 or 16 inches and are easily handled. Lb., 35c; 2 lbs., 65c; 10 lbs., \$3.00.

LAXTON'S PROGRESS. Developed by Laxton Bros. and introduced in 1922. The largest podded and most attractive of the Laxtonian family. Popular for shipping to distant markets, also for home and market garden planting. Vines medium dark green. Pods single, $\frac{1}{8}$ inch wide, dark green, somewhat curved, pointed, handsome; contain 7 to 9 large peas of good quality. Seeds large, cream with green, wrinkled. Lb., 40c; 10 lbs., \$3.00.

LITTLE MARVEL. Vines dwarf, average 15 inches, and are heavily set with fine pods, frequently borne in pairs. The pods average $2\frac{1}{2}$ inches in length, are square at the bottom and well filled with 6 to 7 quite large, deep green peas. Lb., 35c; 2 lbs., 60c; 10 lbs., \$2.00; 100 lbs., \$25.00.

MARKET SURPRISE. May be described as large podded, extra early, vines medium. Pods single, medium green, pointed, slightly curved, contain 7 peas. Seeds round, smooth, bluish green. Lb., 30c; 10 lbs., \$2.50.

GRADUS. A very early, wrinkled pea. Vine of medium height, about 3 to $3\frac{1}{2}$ feet. The pods are very large, about $4\frac{1}{4}$ inches long, uniformly well shaped. Peas very large, of splendid quality and beautiful light green color which they retain after cooking. Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$20.00.

THOMAS LAXTON. A very early, wrinkled variety of great merit. Vine vigorous, of medium height, about 3 feet, similar to that of Gradus, but darker in color, hardier and more productive. Pods large, often 4 inches long, with square ends, similar to but larger, longer and darker than those of Champion of England and as uniformly well filled. The green peas are very large, of fine deep color and unsurpassed in quality. Lb., 35c; 2 lbs., 60c; 10 lbs., \$2.50; 100 lbs., \$20.00.

Second Early Varieties

ALDERMAN. This comparatively new pea is in many respects the very best early main crop variety of the valuable Telephone type. The vines are tall growing, about $4\frac{1}{2}$ to 5 feet high, dark green, vigorous and exceedingly productive. Pods of largest size, often 5 to $5\frac{1}{2}$ inches long, dark green. The peas are of largest size and unsurpassed in quality. We recommend it unreservedly. Lb., 30c; 2 lbs., 50c; 10 lbs., \$3.00; 100 lbs., \$23.00.

TELEPHONE. Vines tall and vigorous, growing about 4 feet high, with large, coarse, light colored leaves and producing an abundance of pointed pods of largest size, often $4\frac{1}{2}$ to 5 inches long, attractive bright green, filled with very large peas which are tender, sweet and of excellent flavor. It comes into use soon after the Premium Gem and is one of the best sorts for either home or market. Lb., 30c; 2 lbs., 55c; 10 lbs., \$2.50.

Later Varieties

IMPROVED STRATAGEM. One of the best of the large podded, semi-dwarf main crop varieties. The vines are very sturdy, about 2 to $2\frac{1}{2}$ feet high, with medium dark green foliage. The pods are very large, often $4\frac{1}{4}$ to $4\frac{1}{2}$ inches long, pointed, dark green, and uniformly filled with very large, dark green peas of the finest quality. Pkt., 10c; lb., 30c; 2 lbs., 55c; 100 lbs., \$20.00.

CHAMPION OF ENGLAND. A very productive variety universally admitted to be one of the richest and best flavored of the late peas. The vines are 4 to 5 feet high. The seed is light green and much shriveled. Very inferior and mixed stocks of this sort are frequently offered, but when the seed is as well grown and selected as that which we offer we consider the variety equal in quality to any in cultivation and one of the best of its season, either for the home garden or market gardener. Lb., 30c; 2 lbs., 55c; 10 lbs., \$2.50.

MELTING SUGAR. Edible pods. This is a class of peas not generally known in this country but much used abroad in which the sweet, brittle and succulent pods have none of the tough, inner lining found in the ordinary varieties of garden peas. They are used in the same way as snap or string beans. Lb., 35c; 2 lbs., 60c.

TO PREVENT DAMAGE FROM PEA LOUSE. Sow a strip of turnip seed about 5 feet wide around the field of peas, which will attract the pea louse, and will feed upon the turnip instead of the peas; thus preventing the destruction of the crop. Sow early turnips with Early Peas and late turnips with Late Peas. This has been given to us by an expert grower who claims it to be a sure remedy.

Peas are of Egyptian origin.

Prices Subject to Change Without Notice.



Telephone Peas.

PEPPER—Sweet or Hot

Pfeffer (Ger.)

Peperone (It.)

Peppers are most largely used for seasoning meat and vegetable dishes; also for making chow chow and chili sauce. The culture is the same as for eggplant and the plants need quite as much heat to perfect them. Sow seed early in hotbed, or about middle of spring in open seed bed, the soil being light and warm. When 3 inches high transplant in rows about 2½ feet apart and 2 feet apart in the row.

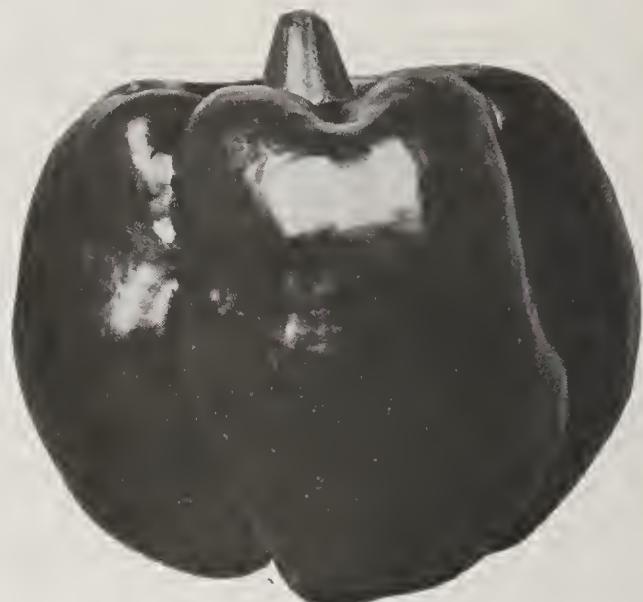
WORLD BEATER. This is the finest large pepper yet introduced. A cross between Chinese Giant and Ruby King, as early as Ruby King and similar in shape, but broader at blossom end. Almost the size of Chinese Giant and far more prolific, some plants producing as many as 24 marketable peppers. Exceptionally mild, can be eaten raw without fear of burning. Color of fruit green at first, turning to a beautiful shade of scarlet. Flesh thick, which enables it to hold up a long time and makes it an excellent shipper. Pkt., 10c; oz., 40c; ¼ lb., \$1.50.

CRIMSON GIANT. The earliest maturing of the extremely large, red sweet peppers and surpassed by none in evenness of size and shape. The plant is vigorous, 2½ to 3 feet high. The fruits are of the largest size, ripen earlier than any of the other very large sorts. Color deep green when young, deep crimson when matured; flavor very mild. Oz., 45c; ¼ lb., \$1.50.

LARGE EARLY NEAPOLITAN. Decidedly the earliest of all large, mild, red peppers and the most productive of all large peppers. The fruit measures 4 inches long and 4½ inches in circumference. The strong, vigorous plants grow 2 feet high by 18 inches across. They are heavily laden with large handsome fruit and bear continuously until frost. Single plants carry from 35 to 50 marketable fruits at one time. Skin and flesh bright red; mild as an apple. Pkt., 10c; oz., 40c; ¼ lb., \$1.00.

LONG RED CAYENNE. A well known medium early variety having a slender, twisted and pointed pod about 4 inches long. Color deep green when fruit is young, bright red when ripe. Extremely strong and pungent flesh. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

LARGE BELL or BULL NOSE. Our stock of this well known variety, sometimes called Sweet Mountain, is very superior. Plant vigorous, about 2 feet high, compact and very productive, ripening its crop uniformly and early. The fruits are large, with thick, mild flesh of excellent quality for use in salads and mangoes or stuffed peppers. The color is deep green when fruit is young, bright crimson when ripe. Slightly pungent. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.



Chinese Giant Pepper.

RUBY KING. An improved American variety, very large and attractive. The plant is about 2½ feet high, vigorous, compact and productive. The fruits are often 4 to 4½ inches long and of deep green color when young, bright red when ripe. The flesh is thick and mild flavored. One of the best varieties for mangoes or stuffed pepper. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

CHINESE GIANT. Plant dwarf, fruit of mammoth size, very broad, yet rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained. Pkt., 10c; oz., 50c; ¼ lb., \$2.00.

PIMENTO PEPPER. The sweetest pepper grown, as it does not contain the slightest trace of fieriness. The plants are productive and peppers medium size and of a shape which is desirable for stuffing, prepared in which manner they are delicious. It may also be used in salads and for flavoring. Pkt., 10c; oz., 40c; ¼ lb., \$1.00.

GOLDEN QUEEN. Of all the yellow-fruited peppers, Golden Queen is the largest, most productive and finest. The fruit is quite large, unusually meaty, and strictly mild. Rich and glossy golden yellow skin. Our strain of this fine yellow pepper is particularly fine. Pkt., 10c; oz., 40c; ¼ lb., \$1.35.

POTATOES

Certified and Uncertified. Ask for Prices.

Petunias and beans planted in with potatoes will keep out, drive away or kill potato bugs. This has been tried out and found to work fine.

EARLY OHIO. "True to Name" Red River Valley Early Ohio Seed Potatoes, the earliest of all and "The King of the Earlies."

IRISH COBBLER. The best early white Potato grown. Tubers are smooth, round, plump and handsome. Flesh is white and of splendid quality.

TRUE EARLY ROSE. The Early Rose is the old standard early potato; rosy blush skin, white flesh; early, productive, and of excellent flavor.

LATE RUSSET. Most vigorous grower and an immense yilder. Bug proof and blight proof. Has russet skin; flesh white as snow. Fine cooker. The most valuable late sort on the market.

CARMAN NO. 3. Another large, round, white, main crop Potato. Tubers very large; eyes shallow and few in number, and is an immense yilder.

PUMPKIN SEEDS

Melonen-Kuerbiss (Ger.) Zucca (It.)

CONNECTICUT FIELD. Per oz., 10c; lb., 85c.**SMALL SUGAR PIE PUMPKIN.** Fine for table. Pkt., 10c; oz., 15c; lb., \$1.00.**WINTER LUXURY.** Fine table Pumpkin. Pkt., 10c; oz., 15c; lb., \$1.00.**QUAKER PIE.** Pkt., 10c; oz., 15c; lb., \$1.00.

Onondaga Radish.

RADISH—the Season Through
Radies (Ger.) Ravanello (It.)

The Radish is a native of China and Japan.

Being a root crop, good brittle radishes require light, well-worked soil, made very rich and mellow. They are easy to grow and frequent plantings will insure a constant supply for the table. Summer varieties can be sown all spring and well into summer. Winter varieties should be planted in August and September.

THE ONONDAGA. The perfect radish—an early scarlet globe, forcing and outdoor variety. This very fine and improved type of bright scarlet Globe Radish will prove a splendid addition to our line of radishes. It is equal to the best of the Early Forcing Globe type, but a much better yielder, producing practically 100 per cent perfect radishes. This is the reason why it appeals to the market gardener. It is the best money maker of all the scarlet radishes listed in recent years. Pkt., 10c; oz., 15c; lb., 90c.

SCARLET GLOBE. This grand radish has established a reputation as a forcing sort. Its peculiarity is that it will bear the heat requisite for forcing without becoming pithy or suffering injury to its flavor. Its color is a rich scarlet. It has a small top and is a high bred radish. Pkt., 10c; oz., 15c; lb., 90c.

EARLY SCARLET TURNIP, WHITE TIPPED. An attractive sort, extensively used by truckers, and in home gardens. Roots nearly round, with small tap root; carmine-red, with small white tip; flesh white, crisp and mild. Should be pulled when 1 to 1 1/4 inches in diameter. Pkt., 10c; oz., 15c; lb., 90c.

FRENCH BREAKFAST. Olive shaped. A popular variety for market for forcing. It is about 2 inches long and decidedly stump-rooted. Color, bright rose with bottom of root and the tail pure white. Pkt., 10c; oz., 15c; lb., 90c.

BRIGHTEST LONG SCARLET. A very showy, long variety, is thick at the shoulder and tapering. Bright rose-scarlet with distinct white top. Oz., 15c; lb., 90c.

WHITE VIENNA or LADY FINGER VARIETY. A handsome white variety, about 5 inches long, with sloping top and pointed root. Quick growing, brittle, and mild snappy flavor. Pkt., 10c; oz., 15c; lb., 90c.

WHITE STRASBURG. A white radish, of large size, good quality, and ability to resist severe heat. It will grow solid, with good flavor, when others fail. Pkt., 10c; oz., 15c; lb., 90c.

Winter Radishes

GIANT STUTTGART. This mammoth white radish is the largest of the turnip-shaped sorts. It has solid, crisp, pungent flesh, and is highly prized by people demanding a radish of high flavor. Both skin and flesh are pure white. Pkt., 10c; oz., 15c; lb., \$1.00.

CHINESE WHITE WINTER or CELESTIAL (or California Mammoth White Winter). The well known and popular winter variety. Clear white, about 4 inches long and half stump-rooted. Pkt., 10c; oz., 15c; lb., \$1.00.

CHINESE ROSE WINTER. A bright scarlet winter variety. About 4 inches long and stump-rooted. Matures 2 or 3 weeks earlier than the Chinese White Winter and like it is firm and crisp and does not grow pithy until it runs to seed. Pkt., 10c; oz., 15c; lb., \$1.00.

ROUND BLACK SPANISH. A winter variety, with black skin and white flesh. It is top-shaped or almost globular. Pkt., 10c; oz., 15c; lb., \$1.00.

RHUBARB or PIE PLANT

Rhabarber (Ger.) Rabarbara (It.)

Victoria. A good market sort, with beautiful red stalks. Pkt., 10c; oz., 15c; 1/4 lb., 50c; lb., \$1.25. Roots, price each, 15c; 2 for 25c; doz., \$1.25.

SAGE

A hardy perennial shrub, with whitish green, oval, and very much wrinkled leaves, which have a pleasant smell and which are used for seasoning. It is easily grown and the seed can be sown almost any time. Oz., 30c; 1/4 lb., 90c.



Scarlet Globe Radish.

SALSIFY or Vegetable Oyster

Haferwurzel (Ger.) Sasseffrica (It.)

Culture. Sow early and deeper than parsnip, otherwise culture is the same. Roots, if desired, may be left in the ground through the winter, but dug early in the spring.

MAMMOTH SANDWICH ISLAND. Larger, of stronger growth, and less liable to grow prongy than the old Long White. Pkt., 10c; oz., 20c; 1/4 lb., 65c; lb., \$2.00.

MODERN SPINACH

Spinat (Ger.)

Spinace (It.)

Spinach came from Arabia.

KING OF DENMARK. Also known as "Antvorskov." This new variety is undoubtedly the most valuable introduction of spinach in recent years. Although the plants are ready for use almost as soon as the medium early sorts they remain in good condition from a week to two weeks after all other varieties have gone to seed. The plants are of rapid growth, resemble the Long Season in type but leaves are more crumpled or blistered and are of darker green color. The leaves are thick, stand well after cutting and are of good quality. We believe this variety will in a few years be one of the leading sorts as its distinctive qualities are sure to win favor for it from both the home and market gardener. Oz., 15c; lb., 45c.

LONG STANDING, PRICKLY. A deep green variety with rather elongated smooth leaves. Seed, round. Stands a long time without running to seed. Oz., 10c; lb., 45c.

VICTORIA. A long-standing variety with round, slightly savoyed leaves. Deep green and hardy. Forms good, edible leaves early and continues to produce leaves for a long period. Oz., 10c; lb., 40c.

BLOOMSDALE SAVOY. The variety most generally used in the East, and especially throughout the South for shipping. Leaves large, round and thick, very much savoyed and rich deep green. One of the earliest varieties. Seed round. Oz., 10c; lb., 45c; 10 lbs., \$4.00.

NEW ZEALAND. A plant with thick, fleshy texture and soft crystalline leaves. Is not like the ordinary spinach in appearance, but it is used in the same way. Oz., 15c; lb., 85c.

Special Cash Discount to Market Gardeners

New Squashes and Marrows

Kuerbiss (Ger.) Zucca (It.)

The summer varieties come into use in early summer, but being sensitive to frost the seed cannot be sown until late April. Seed should be planted in hills 4 feet apart. Plant in hills 6 to 8 feet apart, 2 or 3 seeds to the hill, 8 ozs to 100 hills or 2 lbs. to an acre.

GIANT SUMMER STRAIGHT-NECK. The convenient straight shape of this squash makes it superior to the old crookneck. However, it has the warty, creamy gold skin, the large size, the fine quality, and the earliness of the parent squash. Plants bushy, vigorous growing, and productive. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

ACORN or INDIVIDUAL SQUASH. Convenient for baking and serving in halves. It weighs only about 1½ pounds and is acorn-shaped, deeply furrowed, and dark green on the outside. The flesh is rich yellow, somewhat coarse grained, dry and mealy, and of delicious flavor. The vines yield prolifically. Matures in about 100 days. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

MAMMOTH GOLDEN SUMMER CROOKNECK. A large golden yellow variety, thickly warded; is 18 inches long, brittle and tender. Plants are bushy and very prolific. This is an improved strain and considerably larger. Pkt., 10c; oz., 15c; lb., \$1.25.

BURPEE'S FORDHOOK SQUASH. A most desirable running variety for both summer and winter use. Wonderfully productive. Fruit oblong, 8 to 10 inches in length, slightly ridged, smooth thin yellowish skin; flesh very thick and of a light straw yellow. If ripened on the vine will keep until late the following June. Oz., 15c; lb., \$1.25.

MAMMOTH WHITE BUSH SCALLOP. An improvement on the old variety, larger, pure white and superior in quality. Pkt., 10c; oz., 15c; lb., \$1.25.

BOSTON MARROW. Color bright orange; flesh yellow and fine flavored. Oz., 15c; lb., \$1.00.

BLUE HUBBARD. This excellent squash of the Hubbard type is light blue in color, with hard shell and thick, fine grained flesh, which is very tender and by far the sweetest and best flavored of the winter squash. Pkt., 10c; oz., 15c; lb., \$1.50.

GOLDEN HUBBARD. A distinct sort, of the shape and general character of the Hubbard, but a little smaller, earlier to mature, and a rich orange-red. Flesh is thick, of fully as good quality, fine-grained and dry. Oz., 15c; lb., \$1.50.

HUBBARD. A distinct strain of the famous Green Warty Hubbard and is an ideal winter squash for market men. The shell is a dark green in color, the flesh dry and sweet in flavor. It grows to large size, is a fine keeper and shipper, its cooking qualities unsurpassed. Oz., 15c; lb., \$1.50.

BANANA SQUASH. The most delicious of all for the table or pies. The tough shell is a grayish green in color. The beautiful orange-yellow flesh is firm and solid, free from fibre, or stringiness, cooks smooth and is of delicious flavor. Matures in 110 days. Pkt., 10c; oz., 20c; lb., \$1.50.

SWEET HERBS

Be Sure to Plant an Herb Garden This Season.

Pkt.	Pkt.
Anise, aromatic.....	10c
Balm, medicinal.....	10c
Basil, sweet.....	10c
Borage, used for salad	10c
Caraway, aromatic.....	10c
Coriander, aromatic	10c
Dandelion	10c
Dill, aromatic.....	10c
Fennel, Sweet, aromatic	10c
Horehound	10c
Lavender, aromatic.....	10c
Marjoram	10c
Rosemary, aromatic	10c
Rue, medicinal.....	10c
Sage, culinary herb.....	10c
Savory, Summer	10c
Sweet Marjoram	10c
Thyme, culinary herb.....	10c
Wormwood, medicinal	10c



Mammoth White Bush Scallop.

Mammoth Golden Summer Crookneck.

SWISS CHARD—See Beets

GIANT PERPETUAL ("Cut-and-Come-Again") Spinach Swiss Chard. This, though a variety of Chard, is to all practical purposes a giant spinach. Oz., 15c; lb., \$1.00.

SQUASH BUGS. Spray Pyrox with an under-leaf upturned nozzle—sure death.

Tobacco Seed

Tobacco is a native of Virginia.

Havana Tobacco Seed. Pkt., 10c; oz., 50c.

MULCHING PAPER

Gator Hide Mulch Paper—Styles A and B

Per Roll

18-inch (675 sq. ft.) 450 ft. long \$3.00
36-inch (1350 sq. ft.) 450 ft. long 6.00

Garden Package65

Keystone Mulch Paper

Per Roll

18-inch rolls (300 lineal ft., approx. 27 lbs.) \$2.00
36-inch rolls (300 lineal ft., approx. 54 lbs.) 4.00

Tomatoes of all Types and Flavors

Liebesapfel (Ger.) Promodori (It.)

As tomatoes are very sensitive to frost, they cannot be set in the open field until about May 1st. The seed must be sown in well protected hotbeds, sowing same about March 1st. A hardy and stocky plant is had by transplanting the small plants in the bed a few weeks before transplanting to the field. Or when about 4 inches high, the top may be pinched off and the plant grows stockier.

Sow the seed broadcast, using one ounce to about 3 square feet of area, which will yield plants enough to set an acre. In the field set tall varieties 6 feet apart and dwarf varieties 3 feet apart. A slight trellis is advisable in the garden. A moderate amount of water should be applied at the roots at regular intervals.

OXHEART TOMATO. A new and remarkable type, being heart-shaped, carries very little acid and few seeds, some fruits weighing 3 lbs. Owing to its being non-acid it can be eaten freely without harm to the most delicate stomach. Solid flesh, beautiful red, very attractive. Fine yielder, for family garden the very best. Pkt., 15c; oz., 75c; $\frac{1}{4}$ lb., \$2.00.

EARLIANA (Sparks'). The earliest tall variety. Fruit large, smooth, bright scarlet color, fine quality. Valuable for early market. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.50.

JOHN BAER. A new variety of the extra early red or scarlet type. Has larger, more uniform and more attractive fruits. Most profitable extra early sort. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

BONNEY'S BEST EARLY. An extra early variety. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

CHALK'S EARLY JEWEL. A new variety. Fruit large, smooth, uniform, and well ripened clear to the stem. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

TOMATOES—Continued.

LIVINGSTON'S DWARF STONE. The same sort of Tomato as Dwarf Champion, but of stronger growth. Round, red, of medium size and equally early. Prolific and very solid, ripens very evenly and is of excellent quality. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

DWARF CHAMPION. A dwarf variety, sometimes called the tree tomato on account of its upright growth and its ability to stand alone without trellising. Fruit medium-sized, smooth, uniform, and of a purplish carmine color. Oz., 50c; $\frac{1}{4}$ lb., \$1.50.

MARGLOBE. A favorite with the market grower. It bears perfect, deep globe-shaped fruits that are smooth, of a beautiful scarlet color, and of splendid eating quality. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

MATCHLESS. A tall-growing, prolific variety with large fruit, which is rather flattened, smooth and uniform. Color, bright scarlet. For canning and general main crop market, there is no better tomato grown. Extra selected strain. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.15.

MONTEREY. An extremely large, irregular-fruited variety. Vine tall, and fruit very solid and purplish carmine in color. Rather coarse and of fair quality only. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.75.

PRITCHARD (Scarlet Topper). Wilt resistant, of the type of plant known as self-topping or self-pruning. Midseason to late and a heavy cropper. Fruits globe-shaped, deep scarlet, smooth and solid. A good home and market variety and very popular for shipping. 80 to 95 days. Pkt., 10c; oz., 50c; 2 ozs., 85c; $\frac{1}{4}$ lb., \$1.50.

GOLDEN QUEEN. Bright yellow. Best large yellow tomato, smooth and ripens early. Quality excellent. Queen of all the yellows. Oz., 40c; $\frac{1}{4}$ lb., \$1.25.

YELLOW PLUM. Fruits oval, 2 inches long; clear deep yellow. Pkt., 10c; oz., 45c; 2 ozs., 80c; $\frac{1}{4}$ lb., \$1.25.

YELLOW HUSK or GROUND CHERRY. Pkt., 10c; oz., 50c; 2 ozs., 90c; $\frac{1}{4}$ lb., \$1.50.

RED CHERRY. Fruits small, round; rich deep red. Pkt., 10c; oz., 50c; 2 ozs., 90c; $\frac{1}{4}$ lb., \$1.50.

TURNIPS—for the Table

Steckrube (Ger.) Pastinaca (It.)

For fall and winter use sow the seed in August, in rows 10 to 18 inches apart, using one ounce to 250 feet of row, thinning the plants when very young to 3 or 4 inches apart. Sow 1 to 3 pounds of seed per acre.

EARLY SNOWBALL. A medium globe-shaped variety of pure white. Very solid and of the best quality. Oz., 10c; lb., 75c.

EARLY WHITE FLAT DUTCH (Strap Leaf). A medium-sized flat variety; clear white, early, and of fine flavor. A fine table variety. Pkt., 10c; oz., 15c; lb., 75c.

EARLY WHITE MILAN. Roots flat, smooth and symmetrical; pure white. Top very small, upright and compact. Pkt., 10c; oz., 15c; lb., 75c.

EARLY PURPLE-TOP MILAN. Differs from the preceding in that the roots are not quite so thick and are purple on top. Pkt., 10c; oz., 15c; lb., 75c.



Perfect Tomatoes without a blemish will be obtained if your plants are trained on the wooden Tomato Supports.

Be sure to plant an Herb Garden this season and make use of it. It has wonderful possibilities.

EARLY PURPLE-TOP WHITE GLOBE. One of the handsomest varieties, the upper portion of the root being a purplish red, the lower pure white. Pkt., 10c; oz., 15c; lb., 75c.

COW HORN. A long white turnip. Grows to a large size, standing half out of the ground. It is fine flavored and desirable. Cow Horn turnip sown in connection with Rape is one of the newly recommended things for green manuring purposes. Pkt., 10c; oz., 10c; lb., 75c.

**TABLE RUTABAGAS
or Swedish Turnips**

Winter Varieties

SWEET GERMAN or RUSSIAN. Fine for table or live stock. White, sweet, excellent; fine keeper. Oz. 10c; lb., 75c.

AMERICAN PURPLE-TOP or LONG ISLAND IMPROVED. Bred from the "American Purple Top," over which it is a great improvement, being nearly double the size; an immense yielder and good keeper; flesh rich yellow, of fine quality. Oz., 10c; lb., 75c.

HOTKAPS

Matures crop earlier; shields plants from wind and rain; protects them from frost and insects; keeps dirt soft—miniature "hothouses"! A revolutionary device that saves farmers much in time, labor, and money.

100 package complete	\$ 2.50	each
250 package complete	3.75	each
1,000 to carton @	10.25	per m
5,000 @	10.10	" "
10,000 @	10.00	" "
25,000 @	9.85	" "
Steel Setter and Tamper	1.50	
Garden Setter alone .....	.50	
Steel Tamper alone .....	.25	

THE PLANTER'S GUIDE

Time Required for Maturity of Different Garden Crops Reckoned from Day of Planting the Seed

Beans—String	45 to 65 days
Beans—Shell	65 to 75 days
Beet—Table	65 days
Beets—Stock	150 days
Cabbage—Early ..	105 days
Cabbage—Late ...	150 days
Cauliflower	110 days
Corn 70 to 120 days	
Eggplant 150 to 160 days	
Lettuce—Heading	65 days
Melon—Water 120 to 140 days	
Melon—Musk 120 to 140 days	

Onion	135 to 150 days	Carrot	12 to 18 days
Pepper	140 to 150 days	Cauliflower	5 to 10 days
Radish	30 to 40 days	Corn	5 to 8 days
Squash—Summer ..	60 to 65 days	Cucumber	6 to 10 days
Squash—Winter ..	125 days	Endive	5 to 10 days
Tomato	125 to 150 days	Lettuce	6 to 8 days
Turnip	60 to 70 days	Spinach	7 to 10 days
Spinach, average time	45 to 65 days	Onion	6 to 10 days
Average Time Required for Garden Seed to Germinate		Peas	10 to 20 days
Beans	5 to 10 days	Parsnip	15 to 21 days
Beet	7 to 10 days	Parsley	9 to 14 days
Cabbage	5 to 10 days	Pepper	3 to 6 days
Carrot	12 to 18 days	Radish	7 to 12 days
Cauliflower	5 to 10 days	Salsify	6 to 12 days
Corn	6 to 12 days	Tomato	4 to 8 days
Eggplant	7 to 12 days	Turnip	
Lettuce	6 to 12 days		
Melon	9 to 14 days		
Musk	3 to 6 days		

Ebeling's Field Corn and Mangel Beets

Field Corn

EBELING'S SILO FILLER

Also known as Early Wonderful, Giant Ensilage, Sweepstakes, Early Wonder, Perfect Ensilage, Excelsior, The Abbott, West Branch, Lancaster Sure Crop, Rising's Gold Dollar, Central Pa., etc.

Ebeling's Silo Filler Ensilage Corn or Early Wonderful. An improved type of the old and reliable so-called yellow variety Sweepstakes, which is also known under many other names, and which was introduced by us for the first time in Central New York in 1912, and our catalog of that year contains description of same.

Silo Filler. Red varieties or Lancaster Sure Crop type seems to be the best, 2 and 3 ears to the stalk and up fine. Bu., \$3.50.

ENSILAGE VARIETIES

LANCASTER COUNTY SURE CROP SWEEPSTAKES. Bu., \$3.50.

LUCE'S FAVORITE. Bu., \$3.50.

WHITE CAP YELLOW. Bu., \$3.50.

CORNELL NO. 11. A yellow Dent. Bu., \$3.50.

PRIDE OF THE NORTH. Bu., \$3.50.

LEAMING. Bu., \$3.50.

LATE EUREKA. Genuine Virginia-grown. Bu., \$3.50.

HUSKING VARIETIES

ANGEL OF MIDNIGHT. Early 8-row yellow. Bu., \$3.75.

CANADA SMUT NOSE. Second early. Bu., \$3.75.

LONGFELLOW. Late variety. Bu., \$3.75.

KING PHILIP. Red grain. 8-rowed ears. Bu., \$3.75.

SANFORD WHITE FLINT. Late sort. Bu., \$3.75.

READ WHAT MR. CLEVELAND SAYS

F. H. Ebeling.

Norwich, N. Y.

Nov. 1, 1934.

I am giving you a picture of our field of "Ebeling's Sweepstakes Ensilage Corn" which was one of the best in this section. You will note that I am standing on a tractor, and can hardly reach the top of the corn. Shall be glad to give you an order again for next season.

GEORGE A. CLEVELAND.



A Sample of Ebeling's Silo Filler Ensilage Corn Grown by Dean Oliver, Oriskany Falls, N. Y.

Ideal Mangel Beets

This is a wonderful Mangel. It is a perfect chunk of a beet, being as large at the bottom as at the top. Stands two-thirds above ground. Is easily harvested even on hard soils. This new and original Mangel has been tested alongside 30 other Mangels and by strict laboratory tests on trial grounds and field demonstrations, has proved to be ideal and superior in quality. Lb. \$1.25; 10 lbs., \$11.50.

BEETS SEVENTEEN POUNDS SAYS MR. ROBERTS

Ideal Mangel Beet—grown by Earl Roberts, Sauquoit, N. Y. The left beet weighs 17 pounds and the other weighed nearly as much. Mr. Roberts has grown these Mangels for years with wonderful results. These Mangels will keep until June and even longer. Increases the quality and flow of milk, keeps cows in better health, less grain and ensilage is required where Ideal Mangel beets are fed, as Mr. Roberts does. Also, fine for poultry—increasing quality and quantity of eggs and quality of meat when killed for market.



Ebeling's Farm Seeds of Dependable Quality

NOTE.—We buy Dairymen's League Certificates of indebtedness for cash. Send us list.

ALBERTA CLUSTER OATS

The Famous, Heavy Yielding, Hardy Variety from the Great Northwest.
Oats originated in North Africa.

These Oats are grown and shipped in car lots of about 2000 bushels, from that wonderful Alberta country of the Great Northwest. The soil is a deep, heavy, rich loam, free from foul weeds, and which produces the very best of all grain crops. These Oats have captivated the modern grain-growing farmer in every part of the country because they have proved themselves a big success. It's well known that seed Oats in the Alberta country are unequaled in hardness, height, yield, vigor, in freedom from rust and from foul seeds. Canadian growers are extremely careful in seed selection and the Canadian Government through its rigorous seed laws, has greatly benefited our American farmers. It is safe to say that a more profitable variety of Oats was never offered before in Central New York.

Alberta Cluster Oats compare with the majority of seed Oats in the same way that a blooded Holstein compares with a common scrub animal.

Kernels very plump—weigh up to 45 lbs. to bushel.

These Oats yield from 60 to 100 bushels to the acre. They have big, strong, stiff straw that stands up well on any ground. Their clustered heads are 12 inches long and ripen early. Per bu. Ask for special prices.

Special prices for 10-bu. lots or more. Ask our agents or write us.

Other Field Seeds of Quality

	Per Bu.
Canada Field Peas.....	\$4.50
Buckwheat, Japanese	2.25
Buckwheat, Silverhull	2.25
Barley, Alpha, 2-row	2.50
Barley, Oderbroecker, 6-row	2.50
Speltz (32-lb. bu.)	2.50
Spring Rye	2.75
Winter Rye	2.75

Rye came originally from Siberia.

Marquis Spring Wheat ... 3.50

Sunflower Seed—Per lb.,
12c; per 100 lbs., \$10.00.

Sunflower was brought from Peru.

Onondaga Grain Mixture.
\$7.00 per 100 lbs.

Onondaga Grain Mixture

This wonderful dairy mixture forms a balanced grain ration, superior to any mill feed at greatly reduced cost. Saves constant hauling, a perfect milk and flesh producing feed, at $\frac{1}{2}$ to 2-3 the cost of ordinary grain feeds. Can be ground with your own power, thus leaving the money in your own pocket. You make and take the profit yourself. Cost per acre \$7.00.

Sow 100 lbs. Onondaga Grain Mixture per acre and if the soil is rather poor—sow a little more.

PRICES ON THIS PAGE SUBJECT TO CHANGE WITHOUT NOTICE.

Ebeling's Grasses and Clovers (Recleaned)

For Hay, Meadows and Permanent Pastures

We offer SPECIAL PRICES on all GRASSES and GRAINS listed on this page. "The best in quality and variety is our slogan." Ask for prices and estimates.

PRINCE EDWARD ISLAND BENT GRASS. Grown on the Gulf of St. Lawrence, Northwest Canada. This is the best known perennial grass for permanent lawns. Price, \$1.50 per lb.

RHODE ISLAND BENT GRASS. A popular and well-known sort of perennial seed for permanent lawns. Lb., \$1.25.

JUNE GRASS (Kentucky Blue Grass). (Poa Pratensis).

BLUE GRASS, KENTUCKY FANCY RECLEANED (Poa Pratensis). Also known as June Grass, Green Grass, etc. One of the best permanent grasses, especially for lawns and meadows. Lb., 45c.

BLUE GRASS, CANADIAN (Poa Compressa). Useful for poor, thin and gravel soils. Lb., 45c.

COOS COUNTY SEASIDE BENT GRASS. Lb., \$1.25.

CREEPING BENT GRASS (Agrostis Stolonifera). Excellent for lawns and putting greens. Lb., \$1.25.

CRESTED DOGSTAIL (Cynosurus Cristatus). Lb., 75c; bu., (21 lbs.), \$1.40.

FESCUE, CHEWINGS NEW ZEALAND (Festuca Chewings). For lawns and putting greens. Lb., 75c.

FESCUE, HARD (Festuca Duriuscula). Indispensable in all pasture mixtures. Lb., 75c.

FESCUE, MEADOW (Festuca Pratensis). English Blue Grass or Sweet Grass. Lb., 35c.

FESCUE, RED or CREEPING (Festuca Rubra). For fine lawns and putting greens. Lb., 90c.

FESCUE, SHEEP'S (Festuca Ovina). Valuable for pastures. Lb., 75c.

FESCUE, FINE LEAFED SHEEP'S (Festuca Ovina Tenuifolia). Excellent for lawns and golf courses. Lb., \$1.00; bu., (14 lbs.), \$12.00.

MEADOW, FOXTAIL (Alopecurus Pratensis). A perennial pasture grass. Lb., \$1.00.

ORCHARD GRASS (Dactylis Glomerata). Valuable pasture grass. Lb., 30c; bu., (14 lbs.), \$3.50.

RED TOP GRASS. Extra Recleaned Seed (Agrostis Alba). Popular for lawns. Lb., 35c; bu., (32 lbs.), \$8.00.

ROUGH STALKED MEADOW GRASS (Poa Trivialis). Fine for lawns. Lb., 65c; bu., (14 lbs.), \$7.50.

RYE GRASS, ENGLISH \$0.30

RYE GRASS, ITALIAN30

RYE GRASS, DOMESTIC20

RYE GRASS, PACEY'S. This makes a quick growth very early in spring. Per lb., 30c; per bushel of 24 lbs., \$6.00.

RYE GRASS, Perennial (Lolium Perenne). Valuable for lawns. Lb., 30c; bu., (24 lbs.), \$6.00.

TALL MEADOW OAT GRASS (Avena Elatior). Lb., 35c; bu., (10 lbs.), \$3.00.

WOOD MEADOW GRASS (Poa Nemoralis). The ideal grass for heavily shaded lawns. Lb., \$1.00.

TIMOTHY (Phleum Pratense). A valuable hay crop. Sow 8 to 10 quarts if used with other grass seeds.

JAPANESE MILLET (Billion Dollar Grass). Japanese Millet is one of the most remarkable forage plants known, often growing six feet tall. Relished as hay by stock of all kinds. If desired for hay, cut just before it heads out. Price, per bu., (32 lbs.), \$3.00.

SUDAN GRASS. Sudan Grass is strictly an annual, and dies each year like millet. From seven to nine feet high with very small stems. Stock prefer it. Sow 10 to 15 lbs. per acre. Price, lb., 20c.

GOLDEN or GERMAN MILLET. 50 lbs. to the bushel; 1 bushel to the acre. Per bu., \$4.50.

DWARF ESSEX RAPE. A forage plant of highest value. Per lb., 15c; 100 lbs., \$12.00.

SORGHUM or EARLY AMBER SUGAR CANE. This is the sorghum of the Northern States. Per lb., 8c; bu., (50 lbs.), \$3.50.

VETCHES or TARES, WINTER (Vicia Villosa). Also called Sand Vetch or Hairy Vetch. Sow 25 lbs. with one bushel grain per acre. Price, per lb., 20c.

ALFALFA or LUCERNE. Sow from 20 to 30 lbs. per acre. Market price.

ALFALFA, GRIMM. On account of its superior hardiness this variety is particularly recommended for growing in northern latitudes. Market price.

ALSIKE or HYBRID CLOVER (Trifolium Hybridum). The plant is perennial and very hardy, thriving well on wet soils. Sow 10 to 15 lbs. to acre. Market price.

RED MEDIUM or MAMMOTH. This is the common Red Clover so largely grown. We shall be pleased to quote prices at any time.

WHITE DUTCH CLOVER (Trifolium Repens). This thrives in almost every soil and climate. Per lb., 60c.

SWEET CLOVER, BOKHARA (Melilotus Alba). This slightly resembles Alfalfa in growth, but is much taller, with leafier and stiffer stems.

CLOVER, CRIMSON.

Add to the Charm of the Garden with Lasting Ornaments



Bird Bath, No. 100 . . . \$9.50
Height 23 inches; diameter of bowl, 17 inches.

Bird Bath, No. 200 . . . \$12.00
Height, 31½ inches; diameter of bowl, 23 inches.



Sun Dial, No. 100 . . . \$8.00
Height, 27 inches; diameter of dial, 12 inches.

Sun Dial, No. 101 . . . \$10.00
Height, 31 inches; diameter of dial, 12 inches.



Flower Urn, No. 300
Height, 27 inches; diameter of bowl, 21 inches
..... \$15.00

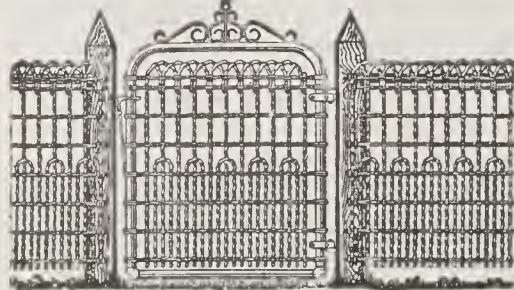
Flower Urn, No. 302
Height, 32 inches; diameter of bowl, 21 inches
..... \$17.00



Bird Bath with Figure and Extension

Price, \$25.00 complete as shown above. (Less figure and base, \$15.00).

This can be used as a fountain by having it piped if desired. This is one of the most attractive pieces of Garden Ornaments we have. Landscape Gardeners and Home Lovers are cordially invited to call and look over our line of garden furniture and lawn ornaments.



Height of Fabric 24 in. 30 in. 36 in. 42 in. 48 in. 54 in. 60 in. 66 in. 72 in. 78 in. 84 in.
Number of Cables 5 6 7 8 9 10 11 12 13 14 15
Price per lineal foot 13c 14c 15c 17c 19c 21c 25c 28c 30c 37c 44c

The extra pickets at bottom of fabric engage the lower cables as follows: 24 in. and 30 in., three lower cables; 36 in. and 42 in., four cables; 48 in. and 54 in., five cables; 60 in. and 66 in., six cables; 72 in. and 78 in., seven cables; 84 in., eight cables. Special price on 100 ft. or more.

ORNAMENTAL LAWN FENCE GATES, TRELLIS, FLOWER GUARDS

Style 600 Fabric, Specifications

Upright or picket wires are No. 9 heavily galvanized, spaced 3 inches apart at top, with an additional No. 9 galvanized picket interwoven so as to give an extra close spacing of 1½ inches at the bottom.

Cable line wires are No. 12, spaced 6 inches apart except the two top cables, which are spaced 2½ inches apart.

24 in. 30 in. 36 in. 42 in. 48 in. 54 in. 60 in. 66 in. 72 in. 78 in. 84 in.

5 6 7 8 9 10 11 12 13 14 15

13c 14c 15c 17c 19c 21c 25c 28c 30c 37c 44c

NORWOOD TRELLIS

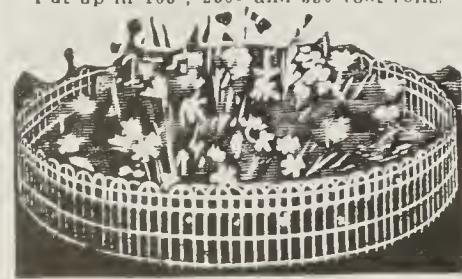
The trellis illustrated is made of large, heavily galvanized wire, is but a trifle higher in price than poultry netting, is more ornamental and will last for years.

No. 107—18 in. wide, list, per lin. ft. \$0.07
No. 107—24 in. wide, list, per lin. ft. .09
No. 107—30 in. wide, list, per lin. ft. .11

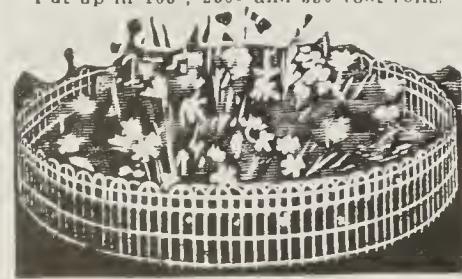
STYLE NO. 150—FLOWER BED BORDER

Designed for the protection of flowers
Uprights made of No. 9 heavily galvanized wire. Illustration shows Norwood 22-inch border.

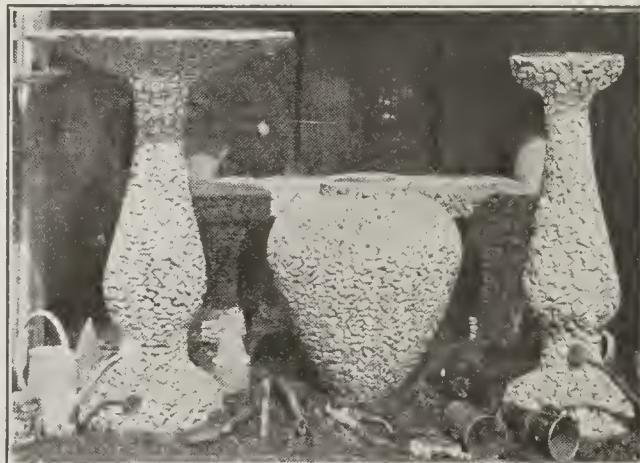
16-inch, list price per lineal foot \$0.07
22-inch, list price per lineal foot09
28-inch, list price per lineal foot11
Put up in 165-, 250- and 330-foot rolls.



No. 107.



No. 150.



GRANITE MOSAIC GARDEN FURNITURE DELUXE

"One by one—each stone hand laid." Enhances the loveliness of the garden and lends a touch of charm by its natural beauty. Through the years Nature has colored so beautifully the stones that are used. Ask us for special prices.

INSECTICIDES AND FUNGICIDES

ANGLEWORM REMEDY. One teaspoonful corrosive sublimate in 8 gallons of water. Sprinkle on the ground affected by worms, which forces them out and then can be raked up. Also good remedy for ants. $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 50c.

ANTROL (Ant Remedy). For killing of sweets-eating varieties of ants that infest and are seen on plants and trees. 4-oz. bottle, 40c; 1-pt. bottle, 85c; 1-gal. can, \$4.00; containers, 20c.

ANTROL SETS. Consists of a bottle of syrup and four small jars. They have the ability to attract ants at a distance of 10 feet in circumference. The sweetened liquid is a slow poison, and is carried home by the worker. 50c per set. Syrup, 4 ozs., 35c; pt., 85c.

APHISTROGEN. Makes a complete spray for most sucking insects; prepared especially for roses and other plants. 4 ozs., 75c; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.50; 12 lbs., \$15.00.

ARSENATE OF LEAD POWDER. Superior to paste in that it does not deteriorate from standing. Use 1 to $1\frac{1}{2}$ lbs. to 50 gallons of water. Lb., 35c; 4 lbs., \$1.20; 10 lbs., \$3.00; 25 lbs., \$6.25.

ASTOGEN. For Fungus, Aphis, and Insects. New remedy for root aphis, cut-worms and other soil insects—affecting asters and other similar plants. 2 lbs., 75c.

ATLACIDE or CALCIUM CHLORATE. Kills Poison Ivy and all vegetation to which it is applied. Lb., 20c; \$15.00 per 100.

ATLACIDE DRY WEED KILLER.

1-lb. size—kills	100 sq. ft. weeds—each	.....	\$0.50
3½-lb. size—kills	350 sq. ft. weeds—each	.....	1.50
50-lb. drum—kills	5,000 sq. ft. weeds—per lb.	.....	.20

BLACK FLAG. For fleas, flies, bedbugs, mosquitoes. 25c; 45c and 75c.

BLACK LEAF 40. A concentrated nicotine solution for aphis, thrips and red spider. Dilute one ounce to from 3 to 6 gallons of water. 1 oz., 35c; 5 ozs., \$1.00; 1 lb., \$2.25; 2 lbs., \$3.25; 5 lbs., \$5.85; 10 lbs., \$9.85.

BORDEAUX MIXTURE, Powder. Lb., 35c; 4 lbs., \$1.00; 10 lbs., \$2.50.

BUG DEATH. Lb., 20c; 3 lbs., 50c; 5 lbs., 70c; $12\frac{1}{2}$ lbs., \$1.70; 100 lbs., \$9.50.

CALCIUM CHLORATE. See Atlascide.

CARBOLINEUM. 1 gal., \$1.50; 5 gals., \$5.00.

CED-O-GEN. Pt., 60c; qt., \$1.00; gal., \$3.00.

CED-O-FLORA PLANT SPRAY. Sure death to mealy bugs, red spider, scale. 3 ozs., 35c; 8 ozs., 70c; pt., \$1.25; qt., \$2.00.

COOPER'S SHEEP DIP. Pkg., 60c and \$2.00.

COPPER SULPHATE OR BLUESTONE. Lb., 15c.

CROW REPELLENT. Seed-preserver for corn. Insures your seeds. It prevents crows and other birds taking the seed and also protects against ground-rot and smut. Non-poisonous and does not retard germination. Small can, enough for 1 bu., 60c; large can, enough for 2 bus., \$1.00.

CUT WORM KILLER. 1 lb., 30c; 5 lbs., \$1.25.



ANT KILLER—CYANOGEN

Destroy the queen and worker ants immediately. Simply enlarge entrances of nests with long shank screw driver or pointed stick. Adjust spout on the special ant container and allow a small amount of Cyanogas to flow into the enlarged holes. Special 4-oz. can, 30c.

CYANOGEN—A DUST Rats—Moles—Woodchucks

Cyanogas is not a bait! It is different! Simply pump it into the rat burrows or mole runways—for woodchucks a heaping tablespoonful placed in the burrow is sufficient. Cyanogas seeks the pests and kills them instantly. $\frac{1}{2}$ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00; 10 lbs., \$5.00; 25 lbs., \$10.00; 100 lbs., \$30.00.



**MORE THAN PAYS THE COST OF
FUMIGATING 1000 CUBIC FEET WITH
CYANOGEN G-FUMIGANT IN THE
GREENHOUSE**

5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00.



All Prices Subject to Change Without Notice.

NEW EVER GREEN SPRAY

PROTECT YOUR GARDEN

The new, simple way to kill plant insects. Just mix "NEW EVER GREEN" with water—and spray. Deadly Pyrethrum content kills a wide range of insects that eat leaves, destroy blossoms or suck sap. Non-poisonous to man, plants and animals.

1 oz. bottle	.....	\$ 0.35
6 oz. can	.....	1.00
16 oz. can	.....	2.00
Gallon can	.....	12.00

FEROGEN. A remarkable plant food, soil stabilizer and ground dressing for your roses. Should be cultivated into your rose beds early in the spring. 1-lb. can, 75c; 2-lb. can, \$1.25; 5-lb. can, \$2.75.

FISH OIL SOAP. Lb., 45c; 5 lbs., \$1.50.

FUME TOBAC. \$14.50 per 100; lb., 20c.

FUNGITROGEN. A most effective remedy for mildew, black spot and diseases of roses. Will not discolor the foliage. Pt., \$1.25; qt., \$2.00; $\frac{1}{2}$ gal., \$3.50; gal., \$6.00. (Not mailable).

GRAFTING WAX. $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 60c.

GRAPE DUST, Powder. A remedy for mold and mildew. Ready for use. 1 lb., 40c; 5 lbs., \$1.25.

HELLEBORE. $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 60c.

HERBICIDE WEED KILLER. Pt., 40c; qt., 75c; gal., \$2.00.

INSECTROGEN. A complete spray. Poison, fungicide and fertilizer. Highly effective for leaf chewing insects, and an equally efficient detergent for black spot on roses, and mildew and red spider on phlox. 4 ozs., 60c; $\frac{1}{2}$ pt., \$1.00; pt., \$1.75; qt., \$2.75; $\frac{1}{2}$ gal., \$4.50. (Not mailable).

K-R-O. The best rat exterminator. Non-poisonous to animals, deadly to rats and mice only. Pkg., 75c.

LIME AND SULPHUR. Standard remedy for scale and certain fungus. Use 1 part to 9 parts of water. Not a poison, kills only by direct contact with the insect. For fall, winter and spring use. Gal., 60c; 5 gals., \$2.50; 10 gals., \$4.50; bbl. lots special prices.

LIME-SULPHUR, DRY. Exactly like lime-sulphur. For fall and spring sprayings. Use 12 to 15 lbs. to 50 gallons of water. Lb., 35c; 5 lbs., \$1.40; 10 lbs., \$2.40; 25 lbs., \$4.75; 50 lbs., \$8.00; 100 lbs., \$15.00.

NICO-FUME, Liquid. For spraying and vaporizing. $\frac{1}{4}$ lb., 75c; lb., \$2.25; 4 lbs., \$7.00; 8 lbs., \$12.00.

NICO-FUME TOBACCO PAPER. For fumigating. 24 sheets, \$1.25; 144 sheets, \$5.00; 288 sheets, \$9.00.

"NICO-FUME" TOBACCO POWDER. Not mailable. Tobacco Powder impregnated with a high strength nicotine solution. Lb., \$1.00; 5 lbs., \$4.00; 10 lbs., \$7.00.

PARIS GREEN. $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; lb., 50c.

PERFECT CHICKWEED ELIMINATOR. Qt., 75c; gal., \$2.00; 5 gals., \$9.00; 10 gals., \$17.00; 25-gal. drum, \$35.00.

NICOTINE PYROX

Here's how to have the most beautiful flowers and the most luscious vegetables in your neighborhood.

Thirty-one kinds of bugs and worms are trying to make a FREE LUNCH of your garden. Declare war on them! In the battle against these bugs, mankind has always been on the losing side. Savages—animals—diseases—have been conquered. But since Pharaoh's time, when the locust over-ran Egypt, the bugs have been winning. There are more insect pests today than ever before.



PYROX. Sticks like paint; kills all leaf-eating insects. Use 1 pound to from 5 to 10 gallons of water. Prevents blight and all fungous troubles without injury, on trees, shrubs, and garden vegetables. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$5.00; 50 lbs., \$7.25; 100 lbs., \$12.50; 300 lbs., \$30.00.

NICOTINE PYROX. In addition to being recommended for all the above, it is also very effective against sucking insects such as aphis, etc. 10-oz. jar, 40c; 1 lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00. Mailable.

RAT NIP. For rats and mice. Tube, 35c.

INSECTICIDES

RED ARROW. An effective, non-poisonous solution that is deadly to all insects. Will not burn, blight, or stain the most tender foliage. May be used on fruits and vegetables before eating. Fine for the garden or greenhouse. Economical, used greatly diluted with water. Recommended for caterpillars, Mexican bean beetle, cucumber beetle, rose aphids, rose slug, leaf hoppers, aster beetles, cutworms, sow bugs, wire worms, root lice, Japanese beetle, white fly, dahlia beetles, and many others. Dilute with 200 to 800 parts of water. Full instructions with every bottle. Oz., 35c; $\frac{1}{2}$ pt., \$1.40; pt., \$2.25; qt., \$4.00.

Rose Remedies

TRI-OGEN

Triple Spray Treatment

Fungicide

Insect Killer

Repellent

Complete protection against plant diseases and insects. Stimulates plant growth.

In highly concentrated form, in three convenient sizes.

Small Kit \$1.50
Medium Kit 4.00
Large Kit 6.00



For rose beetles, etc. We recommend BLACK LEAF "40" (page 37) and Rotecide (below) as being effective and simple.

ROTECIDE

The Standard Rotenone Spray

bugs, cabbage worms, beetles, thrips, aphids (plant lice) and various other insects unusually difficult to control. Rotecide is non-poisonous to birds, animals or humans. Positively will not burn or discolor the most tender foliage. This is a complete spray, simply add water. 1-oz. bottle, 35c; 8-oz. bottle, \$1.00; pt. can, \$1.75; qt. can, \$3.00; gal. can, \$8.00.

ROTECIDE DUST. The Standard Rotenone Dust is the finest product of its kind known. Excellent for use in killing insects in greenhouses, stables, dairy barns, on farms, dog kennels, poultry house, and in the field. Absolutely non-poisonous. 1 lb., 50c; 5 lbs., \$2.40; 10 lbs., \$4.50; 25 lbs., \$10.00.

SCALECIDE. 1 qt., 65c; gal., \$1.50; 5 gals., \$6.00.

SHEPS SPRAY. Full directions on each bottle.

2-oz. bottle—makes 4 gals. spray sol.—postpaid \$0.35
8-oz. bottle—makes 16 gals. spray sol.—postpaid75
1-pt. bottle—makes 32 gals. spray sol.—postpaid 1.25

SLUG SHOT. 1-lb. carton, 25c; 5 lbs., \$1.00.

SNAROL. An effective bait for slugs, cutworms, snails, grasshoppers and other garden pests. A ready prepared meal for broadcasting on the ground under the plants; does not deteriorate from rain or sprinkling. 1½ lbs., 35c; 4 lbs., 85c; 15 lbs., \$3.00.

STIM-U-PLANT. The magic fertilizer in tablet form. Small size, 25c. 100 tablets, 75c.

SULPHUR. Powdered. For mildew. Lb., 10c; 5 lbs., 45c; 100 lbs., \$7.50.

SUNOCO

SELF EMULSIFYING SPRAY

SUNOCO SPRAY OIL. An oil-emulsion, pleasant to use. Used as a dormant spray to combat various scales on trees and shrubs, also very effective against red spider on evergreens. Dilute 1 part to 15 parts water. Gal., \$1.25; 5 gals., \$5.00; 15 gals., \$8.25; 30 gals., \$13.80; 50 gals., \$19.00.

TEROGEN. Insecticide-fungicide for rose gardens. Fertilizer and soil disinfectant. Destroy insect pests and disease before they can attack. Prices: 75c, \$1.25, \$2.75, \$4.75. See also page 39. Ask for particulars.

THRIP JUICE. Pt., 75c; qt., \$1.35; gal., \$3.75.

TOBACCO DUST. 10c per lb.

TOBACCO STEMS. Lb., 10c; per bale, \$2.50.

VOLCK. Spray for the control of red spider, mealy bug, scale, thrips, white fly, aphids and rose mildew. Combines with nicotine and lead arsenate. Qt., 80c; gal., \$2.50; 5 gals., \$8.00; 14 gals., \$27.50.

WEED KILLER (Herbicide). Qt., 75c; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00. Dilution 40 to 1. Very effective.

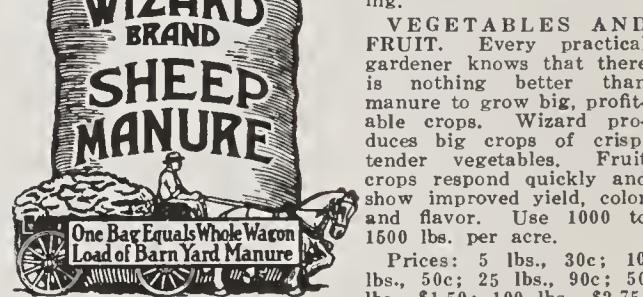
FERTILIZERS

Fertilize Your Lawn and Flowers With WIZARD

LAWNS. Make an application of Wizard early in spring if you want a thick, velvety, green turf of lasting beauty.

FLOWER GARDENS. Luxuriant green foliage and vivid colored flowers are the result of using Wizard. Broadcast 10 lbs. to 100 sq. ft. of garden soil. Mix a handful with the

soil under each new plant—more for vines, shrubs and trees. Light applications during the growing season will prolong blooming.



VEGETABLES AND FRUIT. Every practical gardener knows that there is nothing better than manure to grow big, profitable crops. Wizard produces big crops of crisp, tender vegetables. Fruit crops respond quickly and show improved yield, color and flavor. Use 1000 to 1500 lbs. per acre.

Prices: 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.50; 100 lbs., \$2.75.

VIGORO

Grows Beautiful Lawns Flowers and Vegetables

Successful gardening is dependent upon proper feeding. Not the old make-shift methods but with a complete plant food containing all the elements that plant life requires for healthy growth.

Such a food is Vigoro. Complete, properly balanced, clean and odorless. It can be sown by hand like grass seed.

For a thick growth of healthy grass, beautiful flowers, leafy shrubs and trees, and crisp vegetables, use Vigoro.

Full directions in every bag. Get enough now for everything you grow.

1 lb.	\$0.10	25-lb. bag	\$1.50
5-lb. bag .....	.50	50-lb. bag	2.50
100-lb. bag			4.00

VIGORO SPREADERS FOR PLANT OR LAWN SEED

'Little' Vigoro Spreader (14 in. wide)	\$1.95
'Junior' Vigoro Spreader (14-in. spread)	5.95
'Standard' Vigoro Spreader (24-in. spread)	10.45
'Special' Vigoro Spreader (36-in. spread)	16.25

LOMA—Makes Things Grow

Loma is the finest of fertilizers—a soil rectifier and growth producer for lawns, gardens, shrubs, flowers, trees, potted plants and vegetables. It is a well balanced preparation containing all the feeding elements essential to the perfect growth and development of all plants.

Loma is clean and without offensive odor.

12 ozs.	\$0.15	25 lbs.	\$1.50
5 lbs. ....	.50	50 lbs.	2.50
10 lbs.85	100 lbs.	4.00

SEED DISINFECTANTS

NEW IMPROVED CERESAN

1-lb. tin	\$0.70	5-lb. tin	\$3.00
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2% CERESAN

1-lb. tin	\$0.70	25-lb. pail	\$12.75
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5-lb. tin	3.00	100-lb. drum	50.00
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NEW IMPROVED SEMESAN BEL

4-oz. tin	\$0.45	25-lb. pail	\$ 31.00
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1-lb. tin	1.50	100-lb. drum	122.00
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5-lb. tin	6.75		
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NEW IMPROVED SEMESAN, JR.

4-oz. tin	\$0.35	5-lb. tin	\$ 4.75
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1-lb. tin	1.00	25-lb. pail	21.00
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SEMESAN

2-oz. tin	\$0.35	25-lb. pail	\$ 45.50
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1-lb. tin	2.25	100-lb. drum	180.00
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5-lb. tin	9.90		
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NU-GREEN

3-oz. tin	\$0.35	25-lb. pail	\$ 29.00
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1-lb. tin	1.45	100-lb. drum	115.00
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5-lb. tin	6.30		
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All Prices Subject to Change Without Notice.

PLANT FOOD AND FERTILIZERS

PEAT MOSS

"The Good Friend of All That Grows."

PEAT MOSS, FINE GRANULATED. For new and old lawns, for your garden, top dressing or mulching around flower and vegetable beds, evergreens, bushes and shrubbery. Can also be used for packing and preserving apples, pears and vegetables. Absorbs the moisture, preventing decay when used in storing your fruits and vegetables, especially in winter. Per bale, \$3.50.

BAUGHGRO is a plant food of very high quality, complete in its preparation and contains all the necessary elements except those present naturally in all fairly good soils. These elements are Ammonia, Phosphoric Acid and Potash, all of which are derived from unexcelled high grade sources and processed in well balanced combination.

5 lbs.	\$0.50	50 lbs.	\$2.50
10 lbs. ....	.85	100 lbs.	4.00
25 lbs.	1.50		

ADCO. Free from foul odor, flies, weed seeds, etc. The process is perfectly simple and not at all laborious. The addition of Adco to the compost pile, or to other vegetable refuse, grass clippings, leaves, etc.; at the rate of two pounds to each wheelbarrow load of refuse, will produce a clean, odorless manure within three or four months. 25 lbs., \$2.00; 150 lbs., \$10.50; 7½ lbs., \$1.00.

ACID PHOSPHATE 16%. Lb., 5c; 25 lbs., \$1.00; 100 lbs., \$1.90.

ALUMINUM SULPHATE, the proper fertilizer for Rhododendrons or Azaleas. Creates the necessary acid condition of the soil. 1 lb., 20c; 5 lbs., 65c; 10 lbs., \$1.00.

AMMONIA SULPHATE. Analyzes about 25% ammonia with the result that stimulation in growth of plant life is noted practically at once. 1 lb., 10c; 10 lbs., 85c; 25 lbs., \$1.50; 100 lbs., \$3.50.

ASHES, CANADIAN HARDWOOD. Very good in supplying potash, and also greatly benefits mechanical condition of the soil. A very fine lawn dressing. 25 lbs., \$1.25; 50 lbs., \$2.00; per bag of about 100 lbs., \$3.00; per ton, \$40.00.

BLOOD, DRIED. A very quick acting fertilizer being immediately soluble. 1 lb., 10c; 10 lbs., 90c; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

BONE AND BLOOD. Tankage 9%. For cabbage, cauliflower, corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 500 lbs. per acre. 25 lbs., \$1.70; 50 lbs., \$2.50; 100 lbs., \$3.70; 250 lbs., \$8.75; 500 lbs., \$15.25; 1000 lbs., \$29.00; 2000 lbs., \$56.00.

BONE FLOUR. Very finely pulverized bone. Excellent where immediate effect is wanted. 25 lbs., \$1.50; 100 lbs., \$5.00.

BONE MEAL (Steamed). \$2.75 per 100.

RAW BONE MEAL. 100 lbs., \$3.25. Also another grade of Bone Meal or Ground Bone. 100 lbs., \$2.75.

CALCIUM CHLORIDE. Dust layer and surface binder. One bag will cover about fifty yards, supplied in 100-lb. bags. 100 lbs., \$3.50; per ton, \$60.00.

COTTON SEED MEAL. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

COW MANURE. For roses and shrubs. \$3.00 per 100.

DRICONURE. 5 lbs., 50c; 50 lbs., \$2.50.

FARM FERTILIZERS

A Liberal Discount to Cash Customers.

	Ammo.	Avail.	Potash	Ton
		Phos. Acid		
Oats, Barley, Wheat, Corn	.2	12	2	
Corn and Grains	1	9	4	Ask
Onions, Celery, Potatoes	2	8	10	for
Potatoes and Vegetables	4	8	4	Prices
Potato Grower	2	8	5	

AGRICULTURAL GYPSUM. A high grade lime product for sweetening heavy and sour soils. 5 lbs., 30c; 10 lbs., 50c; 50-lb. bag, \$1.00.

FERTILIS TABLETS. Fine fertilizer for house plants. Simple, effective and odorless. Very popular. 25c.

GRANULATED PEAT. Per bale, 220 lbs. (22 bu.), \$3.25. Some firms offer 180-lb. bales. See Peat Moss.

GROUND BONE. Excellent for grass plots, garden, etc. 5 lbs., 30c; 30 lbs., \$1.25; 50 lbs., \$2.50; 100 lbs., \$3.75.

HUMUS. An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with 1½ to 2 inches of Humus and spaded in. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., 85c; 50 lbs., \$1.35; 100 lbs., \$2.25; 500 lbs., \$10.00. ½ ton, \$15.00.

LIME (Hydrated). For lawn and field use where the ground has become sour. 50 lbs., \$1.00; 100 lbs., \$2.00.

NITRATE OF SODA OR CHILI SALTNPETRE. Nitrate of Soda is not a substitute for other manures, but one of the cheapest and best forms in which to apply nitrogen to plants. Do not let nitrate touch green growth or it will burn. Remove the lumps before using and break them up, which can be done by pounding. For home garden apply as a solution one ounce to two gallons of water. Price, (subject to market changes), 1 lb., 10c; 10 lbs., 85c; 25 lbs., \$1.50; 100 lbs., \$3.50.

PULVERIZED LIMESTONE. Especially fine for roses. Apply liberally and watch results. An excellent form in which to apply lime which is a neutralizer for soil acidity, liberates nitrogen and other plant food, and stimulates bacterial action. Two tons or more per acre, or by hand in small gardens, a large handful to a square yard. 80-lb. bag, \$1.00; 5 bags, \$3.75; 1 ton, \$12.00.

SALT. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. to the acre in early spring. 25 lbs., 50c; 56 lbs., 85c.

SCOTCH SOOT (Genuine Imported). Gardeners know the value of the genuine article for stimulating a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cutworms. 25 lbs., \$2.10; 50 lbs., \$3.60; 100 lbs., \$6.25; 500 lbs., \$27.50.

SHEEP FERTILIZER. 1 lb., 10c; 5 lbs., 30c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.50; 100 lbs., \$2.75.

STIM-U-PLANT TABLETS. A fertilizer in tablet form. The tablets contain the essential plant foods in highly concentrated form and are therefore very convenient for house use. Package, small size, 30 tablets, 25c; medium size, 100 tablets, 75c; large size, (pail), 1000 tablets (enough for season's supply for medium sized garden), \$3.50. Keeps Lawns Fresh and Green.

SULPHATE OF AMMONIA. Used for its nitrogen. A very fine fertilizer for all plants in which a large leaf development or rapid growth is desired. It tends to create an acid reaction in soil. Do not let it touch green growth. Use 1 pound to 50 square feet. 1 lb., 10c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.00; 100 lbs., \$3.50.

TEROGEN. This unique soil disinfectant—fungicide, insecticide and fertilizer—has played a highly important part in the great success achieved by the nationally known Rose Gardens at Wallingford, Pa.

PRICES:

1-lb. tins	\$0.75	10-lb. tins	\$ 4.75
2-lb. tins	1.25	25-lb. tins	11.00
5-lb. tins	2.75	100-lb. tins	40.00

A 10-lb. tin is sufficient for one application for 30 to 50 plants.

TOBACCO DUST. Lb., 10c; 100 lbs., \$6.00.

TOBACCO STEMS. Placed around the roots of roses and other plants; occasionally recommended as a dressing for grass over winter. Feeds the plants, protects against cold, retains moisture, deters insects. Use from 2½ to 3½ tons per acre; 1 to 1½ lbs. to the square yard. 100 lbs., \$3.00.

VIGORO. See page 38. 12 ozs., 10c; 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

WIZARD BRAND SHEEP FERTILIZER. See Sheep Fertilizer; also on page 38.

Nitragin Inoculation Prices

Alfalfa, all Clovers Lespedeza

Size	Price	Size	Price
½ bu.	\$0.35	1 bu.	\$0.35
1 bu.	.55	2 bu.	.55

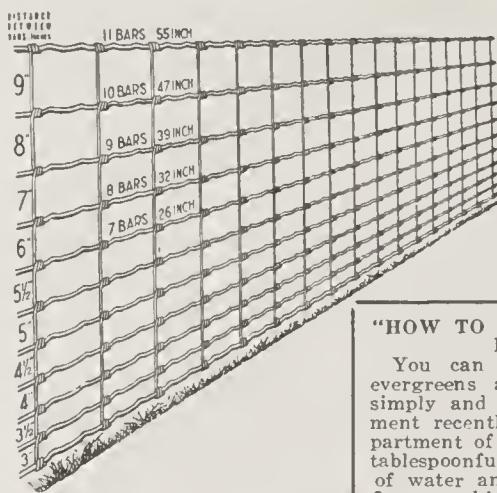
Peas, Vetch, Beans, Austrian Winter Peas

Size	Price	Size	Price
½ bu.	\$0.30	1 bu.	\$0.35
1 bu.	.45	2 bu.	.55
2½ bu.	1.20	5 bu.	1.20
Peas, Vetch, Beans, Austrian Winter Peas		10 bu.	1.75

Garden NITRAGIN for
Peas, Beans, Sweet
Peas and Lupines
Price, 10c.

Zinc Insulated

Trade Mark



FIELD FENCING

For Horses, Cattle, Sheep and Hogs

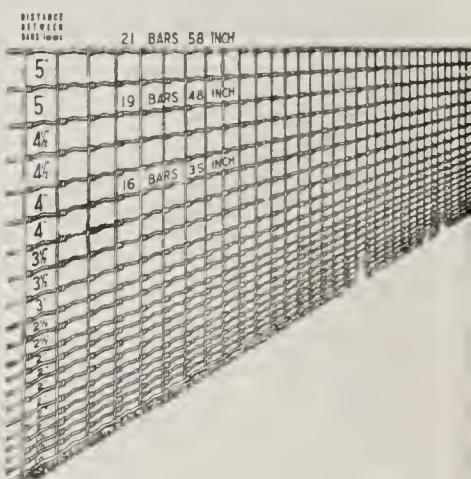
We carry a complete stock of following styles as listed below.

Styles not listed furnished on short notice. Owing to market changes we will be pleased to quote on application.

No. of Wires	Inches High	Stay	Wire
8	32	6-inch	No. 11
9	39	6-inch	No. 11
10	47	6-inch	No. 11
6	35	12-inch	No. 11
8	45	12-inch	No. 11

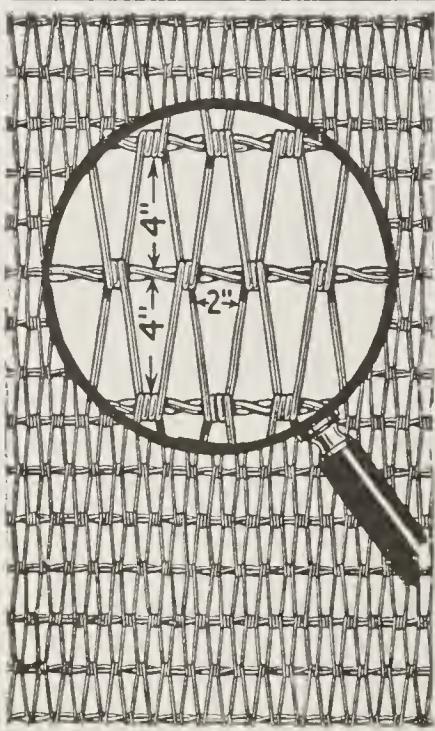
"HOW TO KEEP DOGS AND CATS AWAY FROM EVERGREENS"

You can keep cats and dogs away from evergreens and other shrubs or plants very simply and easily, according to an announcement recently made by the United States Department of Agriculture. Just mix one to two tablespoonsfuls of "Black Leaf 40" in a gallon of water and spray the evergreens, shrubs or flowers which are bothered. The odor of the "Black Leaf 40" is offensive to dogs and cats and they will pass them by when spraying has been done. Here is a simple, inexpensive method of protecting many thousands of dollars worth of evergreens.



POULTRY FENCE Price List

	Per Rod
1948 x 6—No. 14 1/2	\$0.70
2158 x 6—No. 14 1/2 .....	.75



Diamond Lawn Fence

Light per ft. Heavy per ft.

58-inch	.....	\$0.14	\$0.16
50-inch	.....	.12	.14
42-inch	.....	.10	.12
34-inch	.....	.08	.10

THE LOTT FENCE STRETCHER is the only tool necessary for putting up the American Field and Hog Fencing. Every farmer should own this Stretcher. Price, \$12.00.

Steel Fence Posts

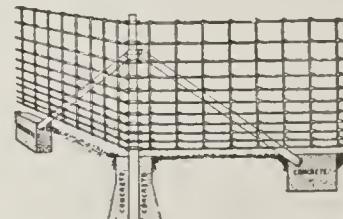
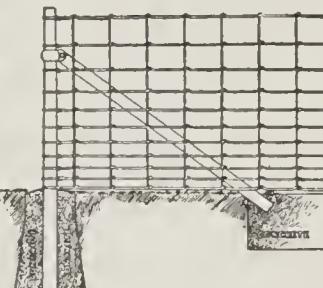
These posts will make the strongest foundation for your fence. Banner Line Posts and American End and Corner Posts.

LINE POSTS, 5, 6, 6 1/2, 7, 8, 9 feet.

CORNER POSTS, 8 feet.

END POSTS, 8 feet.

Prices on application.



We carry a complete stock of BANNER PAINTED POSTS and GALVANIZED TUBULAR POSTS.

Prices on Application

12-ft. American Gates, 50-inch, plain top.

14-ft. American Gates, 50-inch.

3-ft. American Walk Gates, 42-inch, plain top.

4-ft. American Gates, 42-inch, plain top.

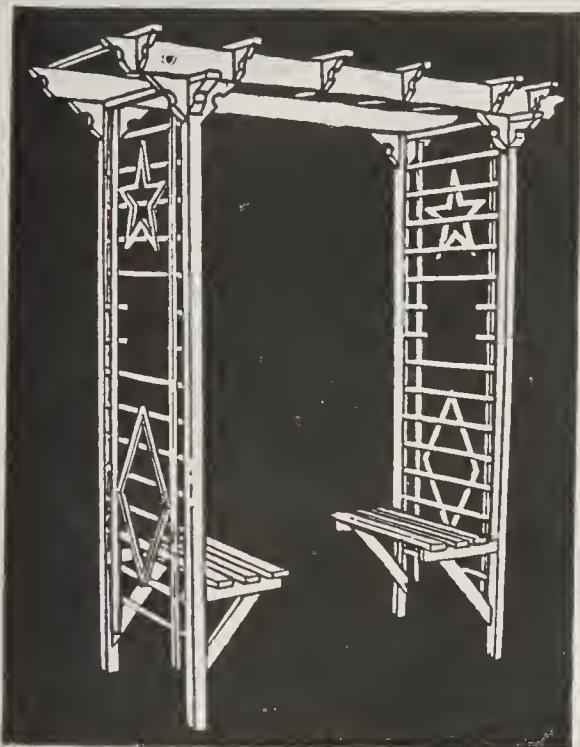
Lott Fence Stretcher



Can't Sag Farm Gate

Price—12-ft., \$8.00; 14-ft. gate, \$8.50; steel metal parts for "Can't-Sag Gate," \$4.00.

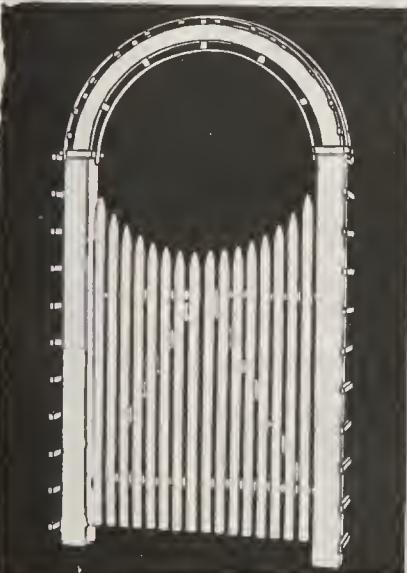
Garden Furniture, Arbors, Trellises, Etc.



No. 78—Beverly Pergola, \$16.50

PRICE LIST

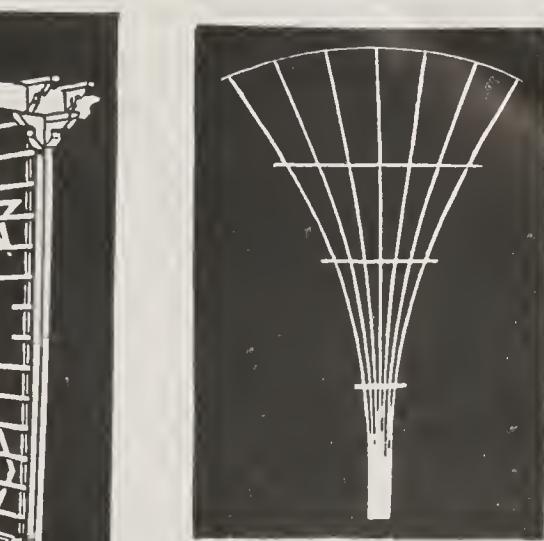
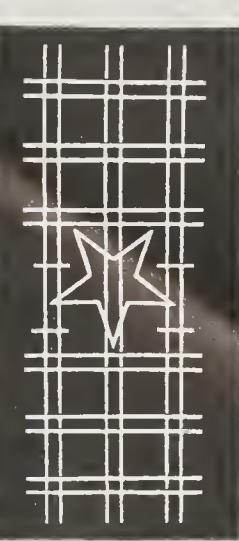
Beverly Pergola with seat, No. 78.....	\$16.50
Hollywood Pergola, No. 66.....	12.60
Dreamland Gateway, No. 132, complete.....	18.00
Dreamland Gateway, No. 132, less gates.....	14.50
Garden Archway, No. 122.....	13.25
Garden Archway, No. 122, less gates.....	10.70
Flower Box, No. 200.....	1.80
Flower Box, No. 201.....	3.00
Flower Box, No. 202.....	3.00



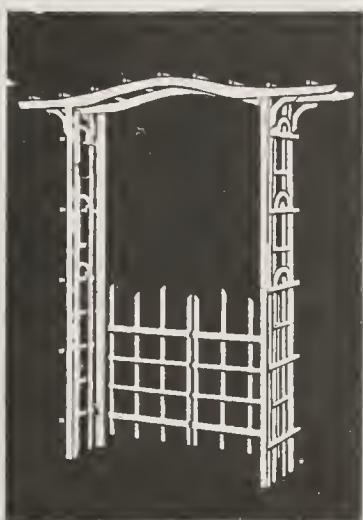
Dreamland Gateway, No. 132

A very pleasing design with double gates. A lovely entrance to a flower garden, lawn, etc. When covered with flowering vines it truly presents a wonderfully attractive appearance. Height 8 ft. Width 41 inches.

Price complete.....\$18.00
Without gate.....14.50

Fan Trellis,
all sizes and pricesNo. 58
Star Trellis, \$2.75

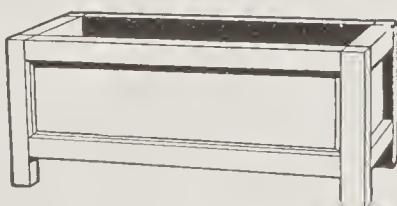
Rose Ladder Trellis, No. 105.....	\$2.30
Double Triangle Trellis, No. 52.....	2.00
Fan Trellis, No. 6.....	1.40
Fan Trellis, No. 8.....	1.70
Adjustable Trellis, No. 35.....	1.55
Roseland Trellis, No. 48.....	3.40
Diamond Trellis, No. 53.....	2.00
Diamond Trellis, No. 159, 10 ft.....	3.85
Star Trellis, No. 58.....	2.75
Wildwood Trellis, No. 108.....	2.80
Craftsman Trellis, No. 28.....	4.50
Utility Trellis, No. 29.....	5.60
Double Circle Trellis, No. 20.....	3.10
Paramount Trellis, No. 16.....	2.30
Adjustable Trellis, No. 47.....	2.10
Adjustable Trellis, No. 71.....	3.25
Sweet Pea Trellis, No. 61.....	1.35
Bungalow Panel Trellis, No. 100.....	3.00
Fan Trellises in all sizes and prices, from 2 to 10 ft.	
White Picket Fence (per ft.).....	15
Snow Fencing (in 50 ft. rolls, per ft.).....	.10



Garden Archway, No. 122

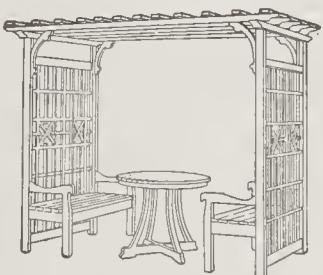
Especially designed for a garden archway. Strongly built and very attractive in appearance. Covered with roses and flowering vines it forms a most charming entrance to any garden. Height 7 ft. Width 4 ft.

Complete with gates.....\$13.25
Without gates.....10.70



Flower Box, No. 201

For porches, windows, etc.
Length 27 inches, width 13 inches
height 11 inches. Painted green or
white. Each, \$3.00.

Arbor Pergola with Table
Price \$75.00

Garden Fence Made to Order, Also
Garden Furniture

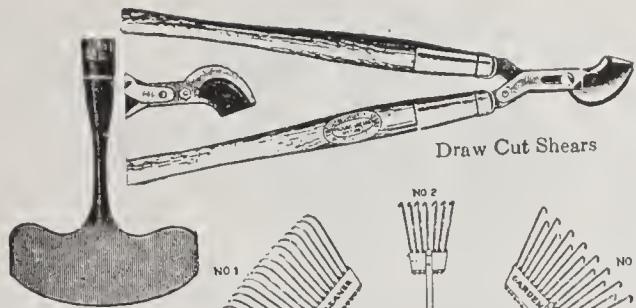
Zinc Insulated**Trade Mark**

11 BARS 55 INCH	10 BARS 47 INCH	9 BARS 39 INCH	8 BARS 32 INCH	7 BARS 26 INCH	6 BARS 20 INCH
9	10	9	8	7	6
8	9	8	7	6	5
7	8	7	6	5	4
6	7	6	5	4	3
5	6	5	4	3	2
4	5	4	3	2	1
3	4	3	2	1	
2	3	2	1		
1	2	1			
			35c.		
			ots. Page 56.		
			15c.		
			12c.		
			10c.		
			8c.		
			6c.		
			4c.		
			2c.		
			1c.		

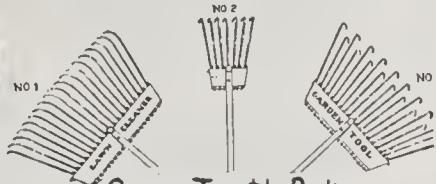
atty). See
per gal.
es. \$3.50 each.
\$2.75.

ture. "Adjusto." See
See page 56. 20c, 25c each.
nt Boxes for Windows.
Wood. 24-in., \$1.35; 30-in.,
\$1.75; 36-in., \$2.60; 42-in.,
\$3.15; 48-in., \$3.75.
Plant Stands. Wire, \$6.50.
Plant Sprinklers. Rubber, 75c.
\$1.00, \$1.25.
Plant Stakes, Bamboo. Natural,
tapering to a point; Chinese
Tonkin Canes, tough as bamboo,
4-ft., 6c; 5-ft., 8c; 6-ft.,
10c. Green Bamboo, small,
18-in. to 4-ft., 75c to \$1.75
per C. Japanese Canes, Nat-
ural, Round, tapering, green:
Square, tapering, green.
Plant Tubs. See page 56.
Peony Supports.
Pruning Saws. \$2.00.
Pruning Scissors. \$1.50.
Pruning Shears. Ladies', 50c:
\$1.75; French, \$3.00; Branch
or Lopping Shears, \$4.00.
Putty. Twemlow's Liquid, \$3.50
per gal.; Mastica, \$2.75.
Raffia. See page 56.
Rakes. Bamboo, 75c, \$1.00.
Rakes. Reversible Wire Lawn
\$1.25, 85c.
Rakes. Reversible Wood, self-
cleaning, \$1.25, \$1.90.
Rakes. Steel Garden, 90c, \$1.30.
Rakes. Snap-tooth, No. 1
\$1.00; No. 2, 85c; No. 3, \$1.25.
Reed for Basketry. Page 56.
Rollers, Waterweight. Page 45.
Sash for Hotbeds. Ask for prices.
Scythes. All sizes and prices.
Scythes, English. \$2.75.
Scythe Stones. 10c to 35c.
Seeder for Grass Seeds. \$3.00.
Shears, Edging or Border, 50c,
75c, 90c, \$1.00.
Shears. Garden, \$1.75; Plain,
\$2.00, \$3.50; Notched, \$1.25,
\$4.00.
Shovels. Wood D Handle, all
sizes and prices. \$1.25, \$2.00.
Sickle or Grass Hook. Lawn
King, 75c, 95c, \$1.00; Village
Blacksmith, 75c, 95c, \$1.00.
Silkalline. Spool, 40c.
Spades. Ames best, \$2.50;
Steel D handle, \$1.25, \$1.50.
Sprayers. See page 46.
Spray Nozzles. See page 46.
Spray Materials. See Insecti-
cides.
Sun Dials. See page 36.
Sod Lifter. \$3.50 to \$9.00.
Tape. For Asparagus or Cel-
ery. \$1.25, \$1.50.
Thermometers. For Brooder,
and Incubators, for Hotbed
and Mushroom; Japanned
Tin, Self-Registering.
Tinfoil. Plain, 25c per lb.
Torch. Kerosene. \$2.50.
Tree Guards. \$1.25.
Tree Pruner. Waters, \$1.50-
\$3.00.
Tree Pruner. Telephone, \$4.00.
Trellises. See pages 36, 41.
Trowels. 20c, 25c, 80c.
Trowels. Solid forged steel. \$1.
Twine. Soft Jute 2, 3, and 4-
ply; Soft Jute 2-ply (many
ends for tying Vegetables);
25-lb. Reels, 29c per lb.; 50-
lb. Reels, 29c per lb.; Hand
Strong, Tying, per ball, 25c,
30c, 40c, 60c; White Cotton
per ball, 10c, per lb., 55c.
Urns. Cemetery or Garden.
See page 36.
Watering Pots. Florists, \$1.25
and up; French, Galvanized
Iron, Long Spouts, Japanned
green, 50c, \$1.00, \$1.50.
Weeders. Excelsior, 25c; Gar-
den Weeding Fork, 25c; Gen-
35c; Magic, 50c; Short Han-
dle, 75c; Long Handle, 75c.
Norcross, 85c, \$1.25.
Weed Killers. (See Insecti-
cides).
Weed Pullers. 85c and \$1.25.
Wheelbarrows. See page 49.
Wire Bright. Annealed Tying
Nos. 18, 19, and 20. Per
stone, \$1.50.
Labels, Pot. \$2.00 to \$3.25 M;
Garden, \$8.00 to \$13.00 M;
Dahlia or Tree Labels Wired,
10c doz., 45c C, \$3.00 M.

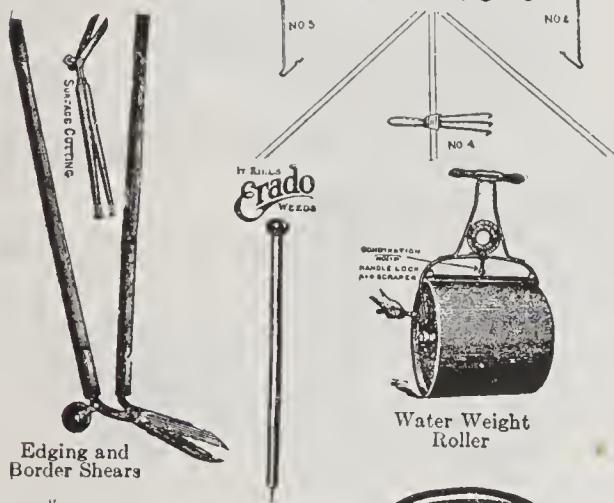




Edging Knife, or
Turf Edger



Snap Tooth Rake
3 Rakes in One



Edging and
Border Shears

Water Weight
Roller

Fountain or Ring
Sprinkler



Bamboo
Jitter Rake



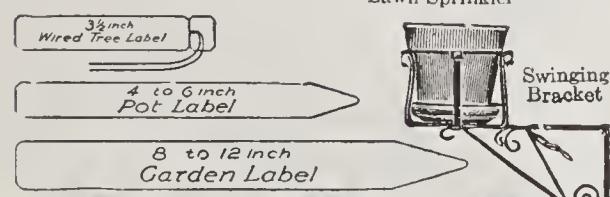
Little Wonder
Lawn Sprinkler



California
Lawn Sprinkler



Grafting Tool



Horn Handle
Budding Knife



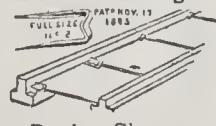
Budding and
Pruning Knife



Stag Handle
Budding Knife



Corn Popper



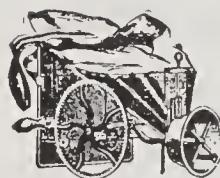
Peerless Glazing
Point



Mastica

Glazing Putty

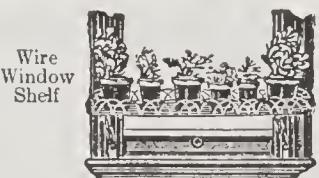
Putty Bulb



Cahoon Seed Sower



Mastica
Glazing
Machine



Wire
Window
Shelf



Spraywell
Angle
Plant
Sprinkler

Bird Bath

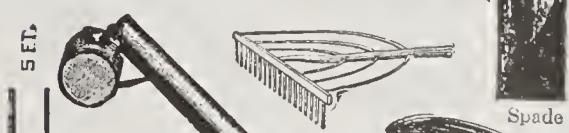


Reversible
Lawn Rake



Steel
Garden Rake

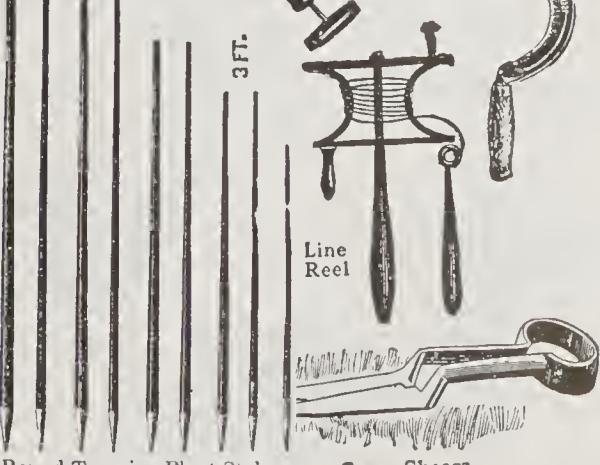
Fan Trellis



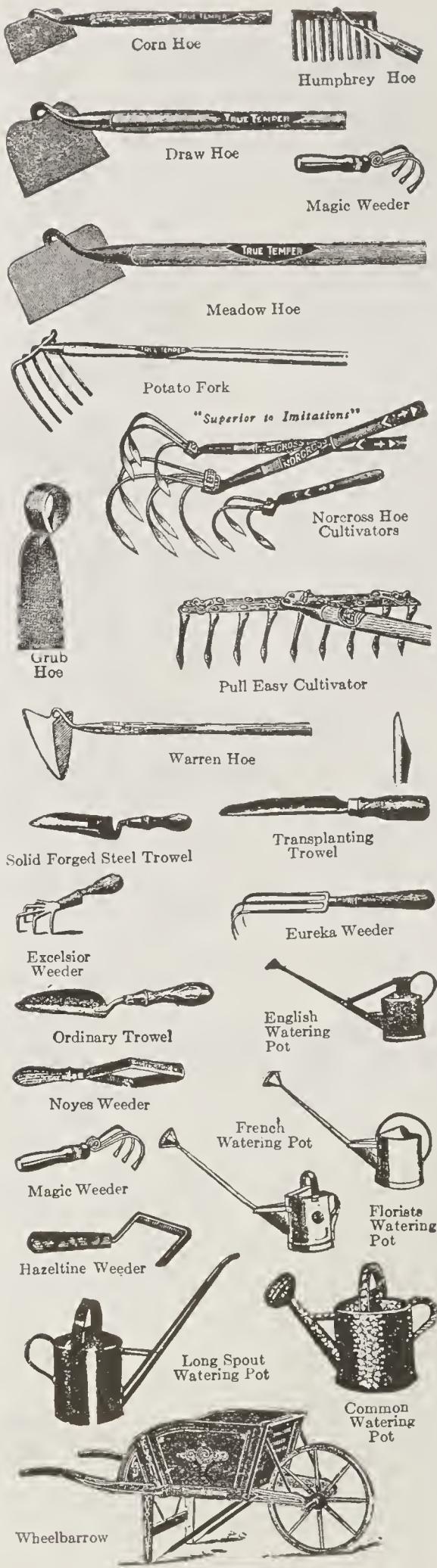
5 FT.

4 FT.

3 FT.

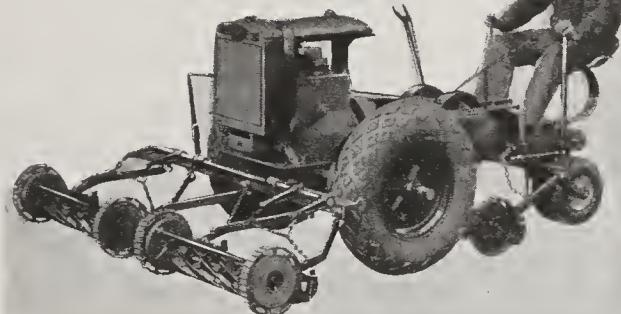


Grass Shears



Hand and Power Lawn Mowers—

Ideal Power Putting Green Mower.



Ideal "Triplex" Tractor Mowers
Two sizes—70" cut, 84" cut.

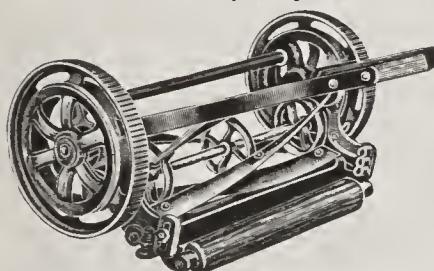


Ideal Wheel Type Power Mower.

Ask for Our Special Catalog
on Lawn Mowers

Automatic

Automobile Quality Fafnir Ball Bearings



ened, Adjusting Screws Will Not Loosen, Roller Brackets Will Not Break.

Water Weight Lawn Roller

No. 2 Plain-bearing, size 14x24. Price.....\$12.50
No. 2 Plain-bearing, size 18x24. Price.....15.00
No. 7 Roller-bearing, size 24x24. Price.....21.50

The Hawks Ferti-Spreader

Price\$15.00

Hofmann Junior Lime Sower

Price\$26.00
Seeder Attachment3.75

Lawn Trimmer



For trimming around walks, flower beds, trees, posts, monuments and shrubbery, and all places that cannot be reached with any lawn mower. Cuts within one-fourth of an inch of the edge.

Has a revolving cutter with four crucible steel blades, tempered in oil and cut six inches wide. Price\$9.00

Lawn Mowers

List—1937

Special Yankee	Automatic
Cadet	Putting Green (Roller Type)
Drawcut Special	Hercules (Timken & Hyatt Roller Bearings)
Lakewood	"Easy" Lawn Mower
Great American (or Forest City)	
Universal Trimmer	\$ 9.00
Coldwell Trimmer 8-inch	10.75
Grass Catchers "Braun" 17-inch	3.50
19-inch	4.50
Grass Catchers	1.00
Grass Catchers	1.25

"Little Wonder" Hedge Trimmer

30-Inch Size, \$27.00

The Little Wonder Hedge Trimmer cuts every variety of hedge grown, five or ten times as fast as by hand.

Will trim a hedge to any shape and cut wanted, various attachments and adjustments being provided for each type.

Cuts sides of square or pivot top hedges 10 feet high with the operators standing on the ground.



Prices Subject to Change Without Notice

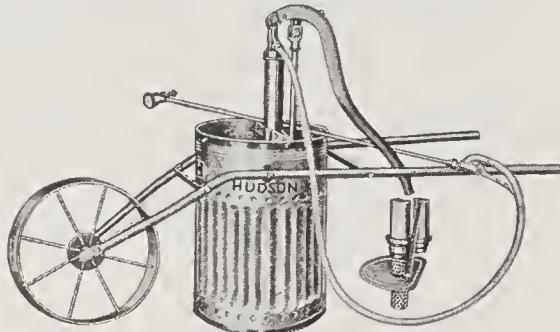
Hudson Perfection No. 110

The Perfection Sprayer was designed to give the purchaser the greatest possible value for his money.

Tank, 4-gallon capacity. Seams riveted with brass rivets. First quality galvanized or copper sheets. Pump of seamless brass tubing, $1\frac{3}{4}$ x $15\frac{1}{2}$ inches. Malleable "D" pump handle. Fitted with 27 inches of discharge hose, 24-inch brass extension rod. Weight about 18 pounds.

No. 110GF. Perfection. Galv. Tank.

No. 110BF. Perfection. Copper Tank.

No. 34 Ideal Sprayer

A heavy duty, portable outfit for orchard, vineyard, truck garden, park, golf club, private estate, dairy barn, poultry house, etc. Handles insecticides, cold water paint, etc.

Tank heavy gauge galvanized steel sheet, reinforced. Capacity 18 gallons.

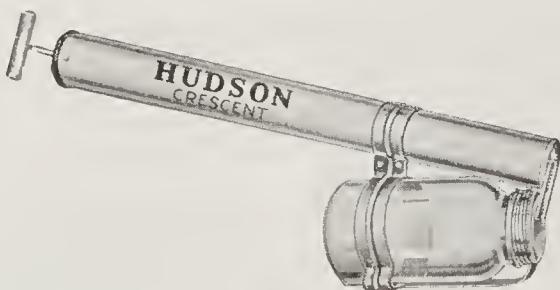
Wheel 18 inches diameter, $2\frac{1}{2}$ -inch tire.

Fitted with 6-ft. hose and 4-ft. iron extension rod and brass angle spray nozzle.

No. 34S. Ideal Sprayer. Galv. Tank, 18 gal. as shown. Weight 80 lbs.

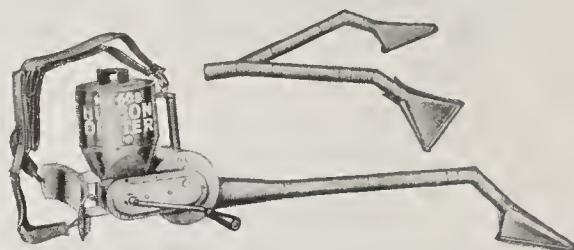
No. 35S. Ideal Sprayer. Galv. Tank. 18 gal. Weight 107 lbs. with pressure tank, gauge and fitting.

No. 36S. Sunshine Sprayer. 12-gal. capacity, with Junior barrel pump, non-clogging strainer.

Hudson Crescent Sprayer No. 430

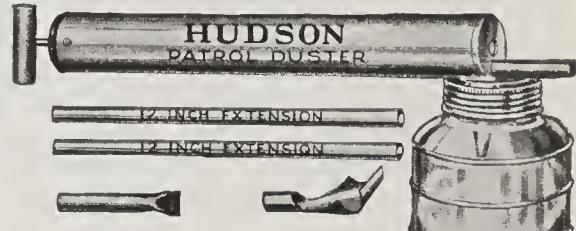
A popular pattern for the garden, the yard, etc. Uses standard mason quart jar. Separate jar can be used with each solution avoiding necessity of emptying or cleaning. Pump is heavy tin, $1\frac{1}{2}$ x 18 in. Long beaded metal ring holds jar securely in place. Weight 28 lbs.

No. 430. Crescent. 1 quart.

No. 608 Roto-Power Crank Duster

For truck gardens, vineyards, small orchards, etc., as well as clubs, city parks, cemeteries and similar places. Sturdily built. Discharge equipment: two nozzles, two elbows, a wye connection and four 15-inch tubes. Feeds powder into moving air stream and through fan. No powder is fed when fan is not moving. Equipment can be arranged to dust plants from above, from under side as for aphids, bushes, trees, etc. Weight $14\frac{3}{4}$ lbs.

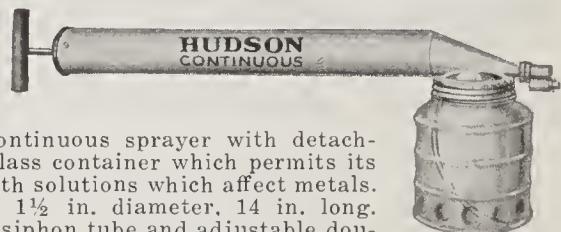
No. 608. Crank Duster.

Hudson Patrol Duster No. 612

An effective pattern for truck gardens, field crops, etc. The two 12-inch extensions and two nozzles permit the operator to reach all parts of the plant. Positive force feed construction absolutely prevents clogging.

Pump— $1\frac{3}{4}$ x 15 inches. Powder Reservoir—Glass, specially designed. Contents always visible. Discharge Equipment—Two 12-inch extension pipes and two nozzles. Standard Package—One dozen in a carton. Shipping weight 24 pounds.

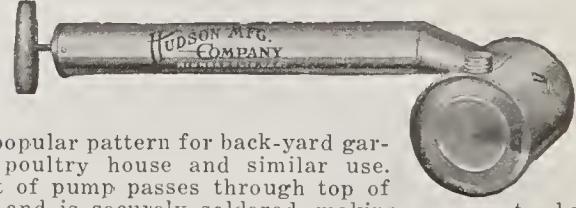
No. 612. Patrol Duster.

Hudson Critic Sprayer No. 432

A continuous sprayer with detachable glass container which permits its use with solutions which affect metals. Pump, $1\frac{1}{2}$ in. diameter, 14 in. long. Brass siphon tube and adjustable double nozzle prevent corrosion; also adapt it for spray or solid stream. Jar has wide mouth for easy filling, emptying or cleaning. Weight about 28 lbs.

No. 427G. Critic. One quart.

No. 432. Continuous. Has tin container, not detachable. Same pump and nozzle.

Hudson Misty Sprayer No. 452

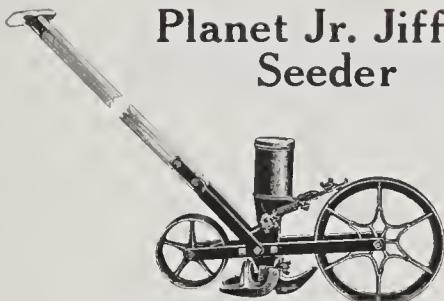
A popular pattern for back-yard garden, poultry house and similar use. Point of pump passes through top of tank and is securely soldered, making a very sturdy construction. Pump is heavy tin, $1\frac{1}{2}$ in. diameter, 14 in. long. Tank is heavy tin, lock seamed and thoroughly leak-proof. Weight $12\frac{1}{2}$ lbs.

No. 452. Misty. 1 quart.

No. 452G. Misty. Galvanized Tank. 1 quart.

Planet Jr.

Planet Jr. Jiffy-Seeder



The Planet Jr. Jiffy-Seeder is to planting a garden what the sewing machine is to sewing. The old way of opening a furrow, dropping the seed by hand, and covering the seed with a rake or hoe, is slow, back-breaking, and inefficient. It is impossible to cover the seed evenly this old way, and that means a relatively poor stand.

Now, with the Jiffy-Seeder, just set the index for the seed you want to sow, put the opening plow at the right depth, pour the seed into the hopper—and plant as you walk along.

The Planet Jr. Jiffy-Seeder is just what the name implies. It plants vegetable seeds (from the smallest up to kidney beans).

Price, \$8.00. Packed one to a carton. Weight 18½ lbs.

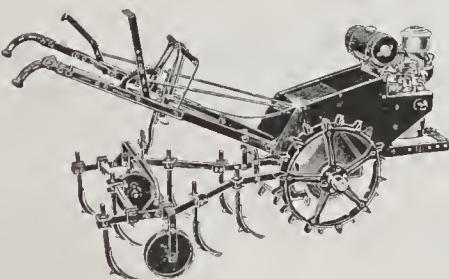
No. 3 Hill and Drill Seeder Only

Similar to Nos. 4 and 25. Large 15-inch steel wheel and roller wheel make it particularly valuable to large grower. Capacity, 3 quarts, positive shut off and index on right hand handle. Weight, packed, 49 lbs. Price, \$16.50.

No. 4 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, complete, \$16.75.

No. 4D Hill and Drill Seeder, less the cultivating attachments, \$13.50.



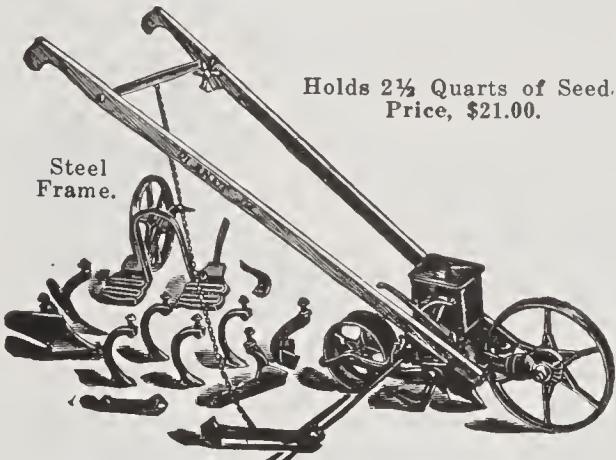
1937 Planet Jr. Garden Tractors

Planet Jr. offers a new tractor for 1937. It has more power, better traction, more efficient transmission, a better clutch, and a cultivator frame quickly adaptable to a greater variety of work. It will reduce costs for any farmer raising truck crops.

The Planet Jr. will do as much as fifteen men with hoes, or four or five men with wheel hoes. It will replace a horse for almost any job, and only has to be fed when it is working. Model DT, \$260; Model ET and FT, \$270; Model FT with Rubber Tires, \$290.

Seed Drills, Wheel Hoes, Horse Hoes, Fertilizer Distributors, Garden Tractors

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow



Holds 2½ Quarts of Seed.
Price, \$21.00.

Has the same simple, accurate seeding device as the No. 4, but as a wheel hoe can be used with either one or two wheels. It is especially suitable for the larger family garden where the rows are long enough to warrant the use of a double wheel hoe. Straddles the row in crops like beets, carrots, beans, peas, lettuce, onions, radish, spinach, etc., during the entire season, permitting closer, cleaner work. Tools especially designed and oil-tempered.

No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow



Steel Frame
14-inch Steel Wheels
Price, \$10.25.

No. 13. Same as No. 12, but with side hoes only, \$7.60.

No. 9 Planet Jr. Horse Hoe and Cultivator. Price, \$12.75.

No. 9E. Same as No. 9, less 6-inch Hillers and one 7-inch shovel steel. Price, \$11.75.

No. 82. 7-tooth Horse Hoe and Cultivator; will cultivate 42-inch row at one passage. Price, \$14.25.

No. 82E. 7-tooth, same as No. 82, less 6-inch Hillers and 7-inch shovel steel. \$13.25.

No. 101. Cultivator only, 5-tooth, \$9.90.

No. 91. 12-tooth Harrow for early cultivation and strawberries, \$11.85.

No. 17 Planet Jr. Single Wheel Hoe

Steel Frame and Wheel No. 17½—Less Plow
Price, \$7.35. Price, \$6.40.

No. 18 Planet Jr. Single, same as No. 17, less plow and teeth, \$5.50.

No. 220 Fertilizer Distributor, \$26.00.

Dairymen's League Certificate of Indebtedness accepted in the purchase of seed.

Full Line of Case Farm Machinery

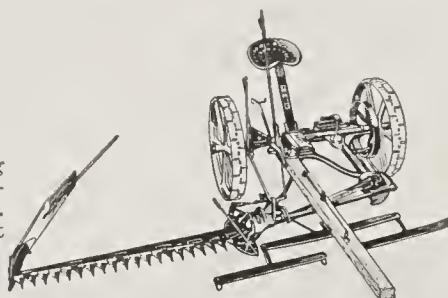
The use of time and labor saving equipment must have an important place in any effort to reduce costs of farming. Many of the modern machines listed below will actually show savings of one-fifth to one-half over equipment now in use. These savings were never so important as they are today. Whether or not you are planning to buy now, feel free to write for printed matter on the machines in which you are interested.

Case Riding Cultivators

Pivot Axle type with Easy Guide Ball Bearing construction. Adjustable to 28- to 42-inch rows.

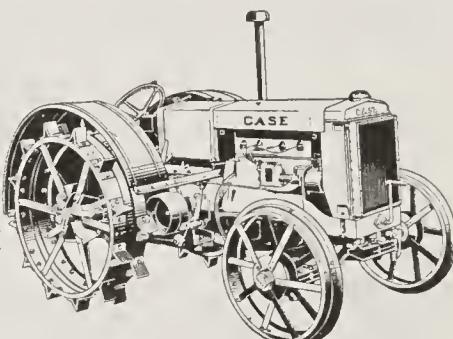
Case Oil-Bath Mowers

Latest thing in Mower design. High lift. Oil bath. Light draft.



Case Sulky Hay Rakes

The original Osborne with new double action foot pedal. Case suspension type wheel. Choice of teeth. Trussed frame.



Case Tractors

Size and type to meet your requirements. Burns gasoline, kerosene or low cost fuels.

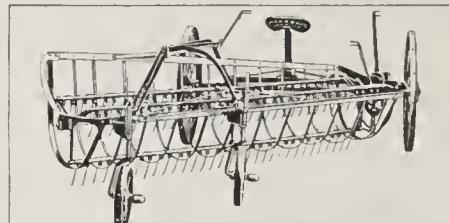


Case Tractor Plows

Furnished either in heavy duty or light weight models. Choice of chilled or steel bottoms. See "Oil Bath" clutch.

Case Tractor Harrows

Power control. A pull on the rope shifts gangs. No backing to open or close gangs.



Case Side Delivery Hay Rakes

Eccentric ring device controls position of teeth; center reel support. Ask us about new Oil Bath Gear Housing.

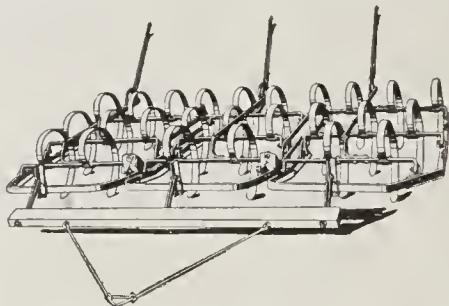


Case Hay Loaders

Furnished with single or double cylinder, or push bar type. Latest design on the market.

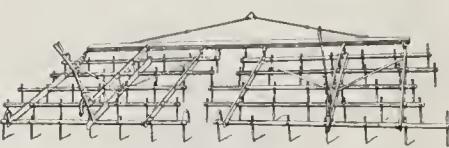
Case Manure Spreaders

Cost of handling manure reduced with Case Spreader. Auto type axle; one-piece side frame. Self-aligning bearing case, suspension wheels, non-warping rear drum.



Spring Tooth Harrows

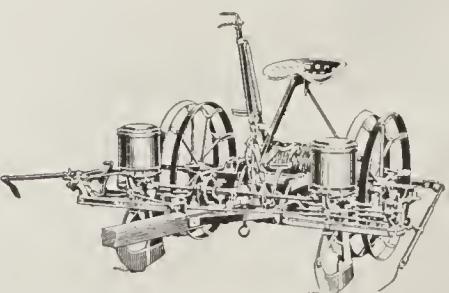
The original Osborne pipe bar type Harrow. Steel construction throughout.



Peg Tooth Harrows

All steel Harrow furnished in closed or

open end. Horse or tractor hitch.



Corn Planters

Planting distances changed by simply shifting a foot lever. Automatic Marker. Ask us about the new Dual Band Fertilizer Boot.

Enclosed Gear Drive Mower

Center Lug Wheels Optional	
No. 3-3½-ft. cut with Pole, N. Y. and Steel Doubletrees	\$80.00
No. 3-4½-ft. cut with Pole, N. Y. and Steel Doubletrees	82.00
No. 3-5-ft cut with Pole, N. Y. and Steel Doubletrees	85.00

John Deere Self-Dump Rake

8-foot, 24-tooth, 25-64" tooth	No. 419	\$43.50
9-foot, 21-tooth, 25-64" tooth	No. 447	44.50
10-foot, 24-tooth, 25-64" tooth	No. 476	47.50

John Deere Hay Loaders

No.		
John Deere Double Cylinder, Stiff Hitch	914	\$122.50
John Deere Double Cylinder with Forecarriage	968	127.50
John Deere Single Cylinder, 6-ft. with forecarriage	804	121.50

New John Deere Side Delivery Rakes

No.		
No. 553 System Left Hand, 3-wheel floating reel	831	\$107.50
No. 554 System Left Hand, 4-wheel floating reel	898	114.50
No. 703 Combination Side Rake and Tedder, 3 wheel	872	110.75

Hay Tools

No. 262 HUDSON HAY CARRIER.	Adjustable trucks, 16-inch wheelbase. Rope sheaves 7 inches diameter. Track wheels 3 inches diameter. Weight 42 lbs. A real heavy duty large pulley carrier. Price, \$12.50.
No. 326 HUDSON HAY CARRIER.	Adjustable trucks, 16-inch wheelbase. Rope sheaves 4 inches diameter. Track wheels 3 inches diameter. Weight 32 lbs. A heavy duty carrier. Price, \$10.25.
These Carriers are adjustable to any of the standard makes of steel track as well as our	
HUDSON 401 TRACK.	\$23.00 per 100 ft.
HUDSON 249S RAFTER BRACKET.	\$5.00 per 100.
HUDSON 290 ADJUSTABLE HANGING HOOK.	\$18.00 per 100.
No. 827M KNOT PASSING PULLEY.	\$1.30 each.
No. 1020 KNOT PASSING PULLEY.	75c each.
No. 466 WOOD FRAME PULLEY.	75c each.
No. 434 WOOD FRAME PULLEY.	75c each.
No. 268 25-INCH DOUBLE HARPOON FORK.	\$2.50 each.
No. 451 31-INCH DOUBLE HARPOON FORK.	\$2.75 each.

Land Rollers

Steel Roller, 24-inch, two sections and three sections	.. \$55.00
24-inch, three sections, steel	58.00
Wood Stave Roller, two sections and three sections	50.00

Improved Corn Marker

Marks any width row and any depth desired.	
Three-row Marker for two horses	.. \$17.00

Ashes, Salt, Lime and Fertilizer Distributors

This Distributor will sow Lime, Salt, Plaster and Ashes; they also handle perfectly all kinds of fertilizers. Quantity can be changed instantly by one lever in center of hopper.	
10-hu. size	\$55.00

10-hu. size	\$55.00
15-bu. size	\$58.00

Lime and Fertilizer Spreaders	
ASK FOR SPECIAL DISC	
FOR HAND USE	
For Calcium Chloride, Fertilizers, etc.	\$53.00
112 Combination Distributor for lawn and garden	15.00
110 Spreader for lawn and golf course	27.00
108 Combination Distributor for gardens	25.00

O. K. Champion Two-Horse Elevator Potato Digger

"THE OLD RELIABLE YELLOW DIGGER"	
THE NEW No. 8 DIGGER	has a wide throat which is a new departure in digger construction and exclusively used on our machine. We have sold nearly 600 of these wonderful Diggers in this vicinity.
No. 8 Digger	\$110.00
No. 22 Potato Planter—Plain	90.00
No. 22 Potato Planter—with Fertilizer Attachment ..	115.00

Iron Hog Troughs

Made in four sizes, 3-, 4-, 5-, and 6-foot—8 inches deep—12 inches wide. Price, \$1.50 per foot.	
--	--

Our Improved Slip Castings

Set of Shoes \$5.00
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Steel or Iron Stone Boat Heads

A Simple, Complete and Inexpensive device whereby a Stone Boat can be made in a few minutes by using straight plank. Will last a lifetime. Price, \$6.50 each.	
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Masters Plant Setter

A wonderful labor-saving tool for transplanting Cabbage, Tobacco, Sweet Potato, Cauliflower, Eggplant, Strawberry and all similar plants.

Each plant is set, watered and covered in one operation.

It is easy, pleasant work. You can set 8,000 to 15,000 plants per day and do perfect work. Price \$6.50.

Bemis Transplanter

List complete	\$115.00
Less Fertilizer attachment	90.00

John Deere No. 999 Corn Planter**The Accurate "Natural Drop" Planter**

Field tests have proved that the John Deere No. 999 Planter is accurate. Change in drop to 2, 3 or 4 kernels per hill can be made instantly without stopping the team, and drill distances can be varied just as easily. Special plates for a great variety of seeds. Price, \$115.00 complete. Less Fertilizer attachment, \$90.00.

Potato Planter

IRON AGE	THE BEST PLANTER MADE
	Price, \$140.00

Wheelbarrow Seeders**With Steel Frame**

They can be worked by anyone who can run a wheelbarrow. Price, 14-ft., \$14.00; 15-ft., \$16.00.

Mastica for Glazing Greenhouses

One gallon will cover about 290 running feet (one side). Price of Mastica, ¼ gal., 75c; ½ gal., \$1.45; gal., \$2.75. Mastica Glazing Machine, \$3.50.

Meyer Auto Snow Plow

Standard Model	\$80.00
Sidewalk Plow	70.00
Speed Plow	60.00

Syracuse Chilled Plows

Syracuse chilled plows are regarded as the highest grade chilled plows made.

No. 52-L Wood Beam, 1-horse, wheel only	\$19.00
No. 401. Cuts furrow 12 to 15 in. wide, 5 to 8 in. deep.	28.00
No. 402. Cuts furrow 11 to 13 in. wide, 5 to 7 in. deep.	27.00
No. 403. Cuts furrow 9 to 12 in. wide, 4 to 6 in. deep.	24.00

Special cash discounts on Syracuse Plows.

Dutton Steel and Chilled Plows**The Best Low Priced Plow on the Market**

Dutton Iron Beam No. 2	\$23.00
Dutton Steel Beam No. 2	25.00

Harrows

30-tooth peg, 1 section.	\$12.00
50-tooth peg, 2-section.	22.00
60-tooth peg, 2-section.	24.00

15-tooth, spring tooth. \$28.00

17-tooth, spring tooth. 30.00

23-tooth, spring tooth. 40.00

25-tooth, spring tooth. 43.00

Less 10% discount for cash on these harrows.

Double Disc Harrows

16 18-inch. discs, cuts 4 ft., 4-horse evener	\$111.00
20 16-inch discs, cut 5 ft., 4-horse evener	105.00

CLARK "CUTAWAY"**Double Action Disc Harrow**

A-4—2-horse hitch	\$ 75.00
A-5—4-horse hitch	90.00
A-6—4-horse hitch	100.00

Farmer's Favorite Cookers

40 gallon	\$21.00
50 gallon	23.00
100 gallon	28.00

Grindstones

Sterling	\$11.00
Sampson No. 1	9.50

Sampson No. 2 \$9.00 |

Sampson No. 3 8.75 |

Garden Barrows

Price	\$6.00 and \$8.50
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Steel Tray Barrows

No. 75-A. Deep steel tray	\$8.50
Common Wood or Paddy Barrow	\$5.50 to \$6.00

Sickle Grinders

Sickle Grinder	\$7.00
With Foot Power	9.00

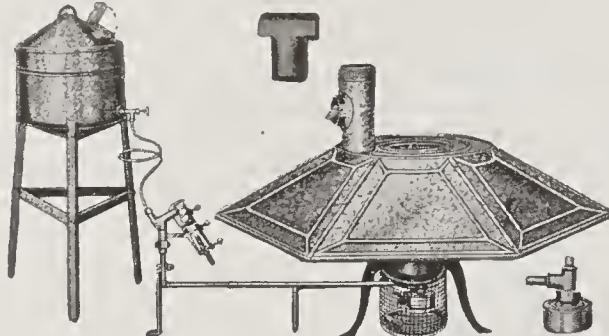
Supplies for Poultrymen

At our Branch Store and Warehouse, 196 So. Geddes Street, you will find the largest and most up-to-date stock of poultry equipment in Central New York, at reasonable prices.

Here is where our Poultry Service Department is maintained. The man in charge of this department is himself a poultryman; and is well versed on poultry diseases and other poultry problems. Bring in a sick bird and he will post it and explain the trouble free of charge.

Look over our Model Brooder House and let us help you with your building plans.

Ask to have your name put on our Poultry Mailing List and you will receive much interesting and helpful information.



Hudson Oil Brooder

54-inch hexagon-shaped hopper. Drum 22 inches diameter, 8 inches deep. Combustion chamber 9 inches diameter, 10½ inches long. Overall height 24½ inches. 8-gallon fuel tank. Oil tank stand illustrated not included as regular equipment. Recommended for houses up to 14x14 for 500 to 1000 day old chicks. Price \$17.95.

Fountain With Kerosene Burner

This is a strong, safe, and economical fountain with kerosene burner, base and stand.

No. 05B. Capacity 5 gallons. \$6.35.



No. 05B. Capacity.
5-Gallon

Eagle Egg Cartons

250	.....	\$1.25
1000	.....	4.75

Poultry Crates

Standard Size Single Spindle Crates	.....	\$1.00
Heavy Re-inforced Spindle Crates	.....	1.25

DROP BOARD WIRE POULTRY NETTING POULTRY FENCING



VENTILATORS
HA9—Each, \$3.60.

Poultry Supplies

Bone Meal
Pearl Grit
Baled Straw
Fumigants
Egg Cartons
Nest Eggs
Brooder Thermometers
Egg Scales

Wire Egg Pails
Metal Egg Cases
Feed Measures
Dried Skim Milk
Charcoal
Oyster Shell
Baled Shavings
Disinfectants

Flats and Fillers
Leg Bands
Trumbull Heaters
Egg Candlers
Peat Moss
Thermostat
Wafers
Trap Nest Fronts

KORUM. An efficient tonic and bowel astringent used when birds are wormed or in a run-down condition. ½ pt., 65c; pt., \$1.00; qt., \$1.75; gal., \$5.00.
WORM TABLETS. An individual treatment for all types of worms. This tablet took first prize in Poultry Tribune's Get the Worm Contest. 100 tablets, \$1.00; 1000 tablets, \$9.00.
WORM POWDER. For birds not heavily infested with worms and for all birds with coccidiosis. Small can, 65c; large can, \$1.00.
REVENGE' DELOUSER. A powder used on the birds or in a dust box. It gets the lice. 1½-lb. can, 65c; 3-lb. can, \$1.00; 6-lb. can, \$1.75.
LEE'S, WILLIT'S, PRATT'S AND HESS' POULTRY REMEDIES

SEE OUR MODEL BROODER HOUSE at Our Branch Store, 196 So. Geddes St.



Headquarters for Wayne Feeds for Chicks, Dogs, Rabbits, Etc.

1. CHICK STARTER.
2. DAILY FEEDS.
3. EGG MASH.
4. GROWER.
5. SCRATCH FOOD.
6. FATTENING MASH.
7. RABBIT PELLETS.
8. DOG FEED.
9. SARDINE OIL.
10. SOY BONE MEAL.

BINDER TWINE

REMEMBER SOY BEAN MEAL forms the basis and contains the maximum value in human and animal foods. We have some outstanding feeders in this section. Give it a trial and be convinced.

Poultry Peat Moss

Lasts longer, absorbs 14 times its weight in water, makes an economical fertilizer that is rich in potash. Large, 20-bu. bale, \$2.50.

Supplies for Dairymen

Milk Caps	Per thousand	\$0.60
5,000 for		2.50
Dairy Scales	\$4.00 to 5.50	
Milking Tubes . . . . .	.35c to 1.50	
The Boston Milking Tube . . . . .	.35	
Teat Dilators	Each .15	
Sanitary Milk Pails	\$1.50 to 3.50	
Strainers	\$2.50 to 3.00	
Tin Milk Pails, all sizes . . . . .	.75c to 2.50	

STOCK LABELS AND PUNCHES

Per doz. \$0.75 Per 100 \$4.00

Barrel Churns

No. 0—4 gal. \$ 7.00 No. 2—15 gal. \$ 9.00
No. 1—10 gal. 8.00 No. 3—20 gal. 11.00

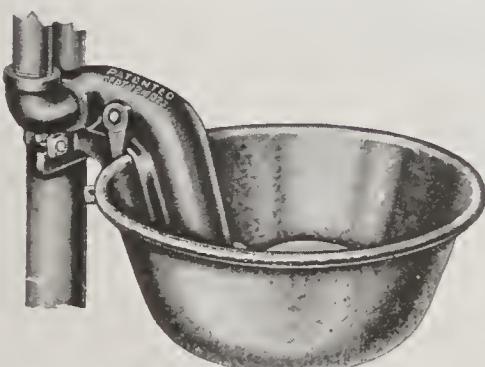
Banner Root Cutter

Hand and Power. Ask for Particulars.

Mann's Bone Cutter

For Hand and Power. Ask for Particulars.

The Hudson "Grip-Tite" Water Bowl No. 99



The new Hudson "Grip-Tite" Water Bowl is entirely original in design, and one that appeals to dairymen as being 100% right. It is the development of years of experience in making Water Bowls. Meets all requirements. Weight, 10 1/2 lbs. each. Shipped 12 in a box; weight 130 lbs.

No. 827M. Malleable Knot Passing Pulley. Designed for heavy duty work in connection with large fork and sling carriers. Frame heavily ribbed for strength and rigidity. Designed to afford a smooth approach of the rope at any angle. No sharp edges to cut or fray the rope. Equipped with 7 in. diameter hard maple sheave 1 3/4 in. thick, dipped in oil. 1 in. axle keyed to frame. Swivel eye. Will pass large knot or splice.

No. 827M. Pulley. Wt. per doz. 60 lbs. each.

For List of Pulleys
See Page 49.



Hudson Stanchion No. 193W

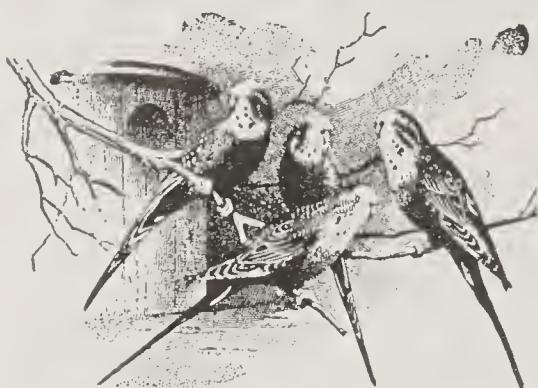
Steel Adjustable

A very popular design, preferred by dairymen. Easily adjusted, easy to install. The latch is simple, strong and trouble-proof.

Material: High carbon, rust-resisting steel U-bars, assembled with heavy steel fittings. No casting used.

Stanchion Lead: An extension of the stationary arm of the stanchion, provided with a stop to keep movable arm from opening beyond a certain point. Movable arm fitted with post fork to engage stall upright post when stanchion is open.

Our Bird Department



HEADQUARTERS FOR
**Bird Foods
 Remedies, Supplies
 and Accessories of All Kinds**

Watch for our very interesting Window Display of Birds, Dogs, Cats and other Pets.

This department is in charge of Mr. A. B. Wheel, who is an authority on Birds and Pets. Consult him on the care of pets in health or sickness.

DEAR PATRONS

Every home owner should encourage the birds of the wild to make your home their home.

A few inexpensive bird houses tucked away in odd corners—under eaves, a bird bath to provide a morning splash, possibly a winter feeding station for grains and bread crumbs and pieces of suet to tide them over during the winter months. Your thoughtfulness will be well repaid by our feathered friends in double measure.



Bird Seed and Supplies

Ebeling's Special Seed Mixture for canaries and cage birds is unexcelled. Lb., 15c.

Wheel's Seed Tonic and Song Restorer is a natural seed tonic and song restorer free from medicinal properties. 25c.

Wheel's Red Mite Liquid. Bottle, 35c.

Ebeling's Special Parrot Mixture for macaws, cockatoos, lorries and the larger varieties of love birds, is made by our specialist. 2 lbs., 25c.

Ebeling's Love Bird Mixture. Lb., 15c.

Sand. 2 lbs., 10c; 6 lbs., 25c.

Ebeling's Canary Mixture. 15c.

Plain Canary. 15c.

Hemp. Lb., 15c; 2 lbs., 25c.

Sweet German Rape. 15c.

Sunflower. Lb., 15c; 2 lbs., 25c.

Bird Millet. Lb., 15c.

Unhulled Rice. Lb., 15c.

Lettuce Seed. Oz., 5c.

Bird Peppers. Oz., 10c.

Washed Gravel. 2 lbs., 10c.

Chinese Blue Maw. Lb., 35c.

Cuttle Bone. Large, 5c.

A complete line of bath houses, bathing dishes, treat dishes, etc.



The Cat

Cats, to be a pleasure to look upon and to fill that friendly feeling in the mind and loving spot in the heart, must be in good health and form. Success with cats, whether for exhibition, breeding or home comfort, depends upon the condition in which they are kept and the care bestowed upon them. Exercise is especially necessary for cats in city homes, and the catnip ball is a desirable aid in this direction. The average life of the cat is from 12 to 15 years.

LOVE YOUR PETS — KEEP THEM WELL

Use Following Remedies:

Ced-O-Gen. Destroys vermin. Pt., 60c; qt., \$1.00; gal., \$3.50.
 Loose Catnip. Pt., 15c.

Catnip Ball. 15c each.

Cat Foods. Include the following:

Spratt's Cat Food. With fish meat or milk. Small pkg., 10c; large pkg., 30c.

Hem-o-ration. 1-lb. can, 15c; 8 cans, \$1.00. Spratt's Fibo. Small pkg., 10c; large pkg., 35c.

Kit-e-ration. Fine balanced food. 1-lb. can, 12½c; 48 cans, \$5.90.

Kit-e-ration. 8-oz. can, 10c; 6 cans, 55c.

Sho Form Soap. A positive killer of fleas and ticks. Jar, 35c and 75c.

FREE—Dr. Daniels' useful book on cats.

Ages of Animals

A sheep lives ten years.
 A cat lives fifteen years.
 A lion lives twenty years.
 A camel lives forty years.
 A dog lives fourteen years.
 A squirrel lives eight years.
 A canary will live six years.
 A crow will live six years.

An ox lives twenty-five years.
 A horse lives twenty-five years.
 A swan will live twenty-five years.
 A whale lives three hundred years.
 An elephant lives two hundred years.
 A tortoise will live one hundred years.
 A parrot lives one hundred and twenty-five years.

KIDDIES' HEALTH SAND

For Children's Playgrounds

We carry fine sanitary, clean wholesome white sand, especially for children's use at \$1.00 per 100-lb. sack. Small lots, 2c per lb.

PET DEPARTMENT

To Junior, the Owner of a New Puppy:

Junior, let me congratulate you on your puppy. It should surely make any boy proud and glad. Be kind to him and you will have a friend that will be faithful to you always. Drop in and visit Mr. Wheel—in charge of our Pet Department, and get information on just **how to care for the new dog**. Ask for **free literature**. The more you know about your dog, the more you are going to appreciate him.

Don't bathe the pup too often. Each hair of his coat is protected by a film of oil. Bathing dissolves this protective element, and leaves his coat dry and harsh. A bath every three or four weeks is sufficient. Daily brush the coat vigorously, both against and with the grain. "If you really love your dog, give him 7 minutes of your time each day."

Don't feed starchy foods, such as potatoes, white bread, macaroni, lima beans, corn, green peas. Starchy foods are indigestible to your dog.

Junior, be sure to have a clean bed for your pet. We can furnish Cedar Bedding—which destroys fleas and leaves a clean, woodsy odor, or spray his bed with "Ced-O-Gen."

Between 3 and 7 months of age, your dog will lose his baby teeth. Give him a few hard biscuits to chew on daily or hard rubber toys, pup's heads, mice, rats, etc. They provide him with amusement and give him something to chew and cut teeth on.

**Bird and Animal Foods,
Remedies, Supplies**



Junior and His Dog.

Dog Foods

KEN-L-RATION
HEMO-RATION
PUP-E-RATION
IDEAL
OLD TRUSTY BOVEX
MARE MEAT

PARD
RED HEART
EVER-READY
RIVAL
KIT-E-RATION
DOGGIE DINNER

Old Trusty Bovex and Doggie Dinner are beef products with vegetable and cereals added.

Mare Meat is an all meat product, used chiefly in kennels where meat, muscle building and perfect condition and ability to withstand the strenuousness of the hunting season require richer foods. We use Mare Meat by adding to it water, mashing it into a thin soup, then thickening it with Chappel's Ken-L-Biscuit. We have used this mixture at our kennels for about five years and have been congratulated many times on the appearance of dogs left in our care.

NOTE: In addition to the above we also sell in cartons, the following:

Bennett's Milk Bone Junior	Spratt's Fibro
Bennett's Milk Bone Puppy Cakes	Spratt's Cod Liver Oil Cakes
Bennett's Milk Bone Dog Cakes	Spratt's Ovals
Chappel's Ken-L-Biskit. Pkg., 25c.	Spratt's Charcoal Ovals
CHAPPEL BROS. DOG FOOD.	Spratt's Puppy Cakes
Ken-L-Biskit	Old Trusty Vitamine Bone
Pup-E-Crumbles	5 lbs. 2 lbs.
Ken-L-Biskit Cakes	\$0.60 \$0.25
CHOW CHOW	.60 .25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Service to Pet Owners

Wheel's Pet Havens

Practical advice and suggestions from one who is constantly in touch with your needs. Modern homelike kennels where dogs, cats, parrots, and canaries are cared for under experienced supervision and good sanitary conditions.

When in need call at our Pet Department with your troubles. After business hours phone 5-7168.

When your pet's life has come to its end, why not reward its faithfulness by a quiet resting place in Pet Haven Cemetery on West Seneca Turnpike, Onondaga Hill, N. Y.

P. S.—In order to complete our service to the public, we are hereby co-operating for pet owners' benefit.

F. H. EBELING.

Boarding	Bathing	Manicuring	Clipping	Flea Treatment
Phone 5-7168 Syracuse, N. Y.				Our new kennels are on West Seneca Turnpike, Onondaga Hill, N. Y.

Fish and Aquarium Department

This Aquarium Marble Finish

No. 301 2½ Gal.
6" x 12" x 8"

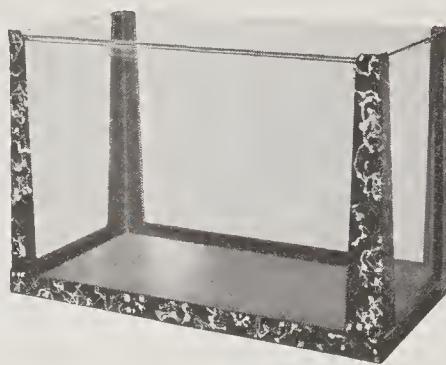
\$1.29

No. 302 5 Gal.
7" x 18" x 9"

\$2.98

No. 303 7 Gal.
8" x 20" x 10"

\$3.98



These Prices Subject to Change Without Notice.

A beautiful object in motion will attract and please quicker than a beautiful object which is inanimate. This is why goldfish with their brilliant colors contrasting with the green of plants, the white of shells or ornaments, and the crystal of the glass, add a charm to any room. Children always find goldfish a constant attraction and delight.

Advice as to the care of tropical and goldfish and aquariums cheerfully given at our pet department. We are sparing no expense to procure rare and unusual fish, birds and pets of interest to Nature lovers. We especially encourage children visiting our pet department.

Change Without Notice.

SAND. Snow-white for aquariums. Lb., 5c.

SEASHELLS. Assorted. Bag, 15c.

PEARL CHIPS. White and colored. Lb., 10c.

ORNAMENTS of every description, including: Castles, Artificial Coral, Decorated Shells, Fisher Boys, Mermaids, Bathing Girls—and countless other novelties.

SCAVENGERS

BLACK RAMSHORN SNAILS, 5c each; 6 for 25c.

RED RAMSHORN SNAILS 15c each; 2 for 25c.

TADPOLES. 5c each.

WEATHER FISH. 25c each.

CORDYDORAS UNDULATUS or ARMORED CATFISH. 39c each.

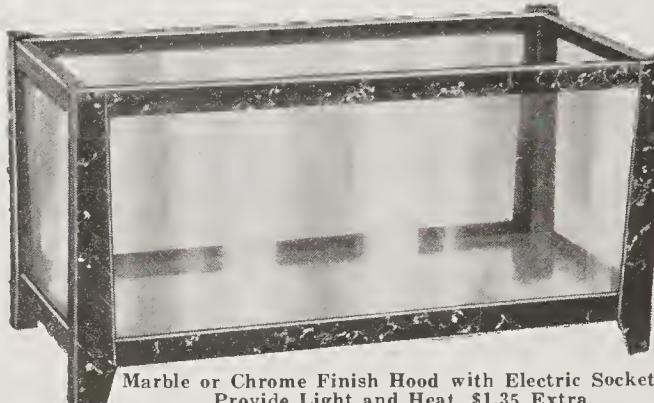
BABY TURTLES. 10c each; 3 for 25c.

EXTRA SPECIAL

This Marble
Finish
2½ Gal.
6" x 14" x 6"
\$1.00

PLANTS FOR
AQUARIUMS
GIANT SAGITTARIA. 15c
each; 2 for 25c.
VALLISNERIA. 10c each;
75c per doz.
CABOMBA. 15c per bunch.
ANACHARIS. 15c per bunch.
MYRIOPHYLLUM. 15c per
bunch.

NEW and INTERESTING varieties of tropical fish with their strange breeding habits, their fascinating mating antics, are being added to our collection nearly every week. Literature and books are procurable at our Pet Department at small cost. Join with thousands of others the new hobby of owning a beautiful tropical fish aquarium.



Marble or Chrome Finish Hood with Electric Socket to
Provide Light and Heat, \$1.35 Extra.

EXTRA SPECIAL

In Chrome Plate
Finish
2½ Gal.
6" x 14" x 6"
\$1.00

SPECIAL—AQUARIUM GRAVEL. The best type of gravel for either Gold or Tropical Fish aquariums. 5c per lb., 6 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.00.

The New aquarium dissolving water purifier in variety of pleasing shapes. 10c each.

Floating Thermometers, Water Heaters.

Delcreo Dog Remedies



DELCREO. For distemper, black tongue, colds, pneumonia, diarrhoea and other diseases of germ origin. 4 ozs., \$1.50; 16 ozs., \$5.00.

DELCREO TONIC AND CONDITIONER. 2 ozs., 75c.

SOLUBLE SULPHUR COMPOUND. For canker of the ear, eczema, rheumatism, etc. 4 ozs., \$1.00.

SOLUBLE SULPHUR COMPOUND CAP-
SULES. A convenient form of Sulphur
Compound. Box of 40 capsules, \$1.00.

SOLUBLE SULPHUR COMPOUND BATH. For fleas, mange, eczema, etc. An invigorating antiseptic bath liquid. 4 ozs., \$1.00.

SOLUBLE SULPHUR COMPOUND OINTMENT. For mange, wounds, cuts, sores, etc. A soothing and healing antiseptic salve. Ozs., 50c.

DELCREO TAPEWORM TABLETS. Box, 75c.

DELCREO COD LIVER OIL. This remedy contains no lime. Pt. size, 65c.

DELCREO WORM CAPSULES. In puppy and toy dog size; also dog size. Box, 50c.

WILLIAM COOPER'S REMEDIES

Cooper's Kur-Mange	7 ozs...	\$1.00
Cooper's Pulvex	2-oz. sifter top..	.50
	Kennel size..	1.25
Cooper's Pine Oil Disinfectant.....	8 ozs...	.50
The New 6-Use Pulvex Dog Soap. Tones, oils, grooms, kills fleas, deodorizes, cleans. Per cake.....		.50
Pulvex New Worm Capsules. Expels Tape, Round, Hook Worms in a single worming. Per box .....		.75

Q. W. Remedies - Sergeant's - Glover's - Dr. Daniels' Remedies



Dr. A. C. Daniels' Remedies

ACOBEL WAFERS. For puppies and cats. For treating colds, distemper and fevered conditions. 50c.

COUGH SYRUP. Dog or cat. For treating bronchitis, colds distemper, influenza, sore throat. 65c.

CANKER REMEDY. Dog or cat. See Germicidal Powder. 35c.

CALCY DROPS. Dog or cat. For treating blanitis, cystitis, calculi and certain urinary and bladder troubles. 65c.

COLLYRIUM EYE WASH. With a bottle of Irest. For any animal. 50c.

CARBO-NEGUS. The cleansing and disinfecting liquid for animals, house, kennel. 35c.

CHOREA AND PAIN REMEDY. Dog or cat. For treating chorea, colic, convulsions, fits, cramps, gastritis. 50c.

DANILAX (Tasteless Laxative). Dog or cat. A liquid laxative for general use in relieving and regulating the bowels. 35c and 65c.

DANIVOM. For vomiting, gastritis, diarrhoea, dysentery, stomatitis. 50c.

DERVIDE. A nerve sedative for convulsions and fit conditions. 50c.

DERMITITE. Dog or cat. For certain forms of eczema and mange, inflamed and itching skin. \$1.00.

DIARRHOEA ASTRINGENT PILLS. Dog or cat. For diarrhoea and dysentery. 65c.

DISPO LIQUID. Dog or cat. For use in place of distemper tablets. \$1.00.

DISPO TABLETS. For dogs suffering from fevered conditions arising from colds, distemper and milk fever. 65c.

EMULSION. Dog or cat. For treatment of anaemia, bronchitis, consumption, constipation, distemper, rickets, worms and general run-down conditions. 65c.

FLEEKO. A grooming and cleansing liquid. 35c and 65c.

GERMI POWDER. Canker remedy. Dog or cat. For canker of the ear, common cuts, sores and wounds. 35c.

H. B. O. The famous Hairball remedy for cats and kittens. 65c.

KATONIC. For cats and kittens. A tonic indicated in treatment of abortion, appetite, apoplexy, bronchocele, bronchitis, catarrh, colic, cough, cold, distemper, eczema, gastritis, gastro-enteritis, mange, neuralgia, pneumonia, rheumatism, ringworm, stomatitis, vomiting and worms. A tonic for general run-down condition and may be given freely. 25c.

LAXATIVE TABLETS. Dog and cat. For bilious conditions, constipation, poor appetite and certain liver, kidney and urinary troubles. 50c.

NASAL BALM. Dog or cat. For cold in the head, catarrh, distemper, relieving the dry and inflamed condition of the nasal passages. 35c.

NEURHUE TABLETS. Dog or cat. Used in treatment of certain neuralgic and rheumatic pains, aches and swollen joints. 35c.

SKIN OINTMENT. Dog or cat. An antiseptic salve for mangy conditions, eczema and itching skin. 35c.

SULPHUR COMPOUND TABLETS. Dog or cat. A cooling remedy in eczema, itching skin, mangy conditions. 50c.

TONIC PILLS. A tonic medicine for puppies, small and toy dogs, cats and kittens in rundown condition. 65c.

V. M. CAPSULES. The vitamines for bone and muscle. 50c.

WORM DROP CAPSULES. For cats and toys. 65c.

WORM DROP LIQUID. Cat and kittens. 50c.

CATNIP BALL. In a package of catnip. 15c.

CATNIP MOUSE (Kettle's) Special Catnip. 15c.

SUMMIT BRAND CATNIP AND HERBS. 15c.

Q-W Dog Remedies

We have added Q-W Dog Remedies to our pet department through the high recommendation and persistent demands of local kennel operators.

Thousands of faithful, trusting dogs are killed every year by nasty shoddy drug dope cheaply thrown together by quacks who don't own a single dog. Poisonous messes made not for the dog, but merely for the dollar there is in them.

Your dog is helpless. He has to take whatever you give him. Why betray him in a cheap, catch-penny, poisonous mess when you can give him a remedy as pure and wholesome as you would like him to give you.

Q-W CONDITION POWDER. Blood purifier, stomach cleanser, digestion corrective, bowel regulator. Puts and keeps dogs in condition. Gives pep, ginger. \$1.00.

Q-W MANGE CURE. Instantly stops the itch; quickly heals up mange, eczema and other skin eruptions on all domestic animals, grows luxuriant hair. \$1.00.

Q-W WORM EXPELLER. Expels in one hour all intestinal parasites from dogs, cats, foxes, rabbits, etc., including round, hook and seat worms. Quick, sure, safe. 65c.

Q-W TAPE WORM EXPELLER. Quickly eradicates tape worms, expels head (the important part) as well as segments. \$1.00.

Q-W LIQUID SULPHUR COMPOUND. For bathing dogs with itch, giving sulphur baths, cooling blood in eczema and giving dogs sulphur in their drinking water. \$1.00.

Q-W VERMINOL. Powerful disinfectant, germ and vermin killer, dog dip. Kills fleas, lice, mites instantly. 75c.

Q-W PHOSPHATED COD LIVER OIL COMPOUND WITH LIME. Quickest food builder for wasting diseases, distemper, rundown condition, rickets, etc. Marvelous bone grower for pups. Indispensable in kennel. Pt., \$1.25.

Q-W TONIC. Quick, sure pick-up tonic for anemic, rundown animals or humans. Valuable in distemper. 65c.

Q-W FLEA OIL AND COAT GROWER. For killing all vermin on dogs and other domestic animals without wetting, and keeping off flies, fleas, lice, etc. Instantly applied. Simply rub into coat. 65c.

Q-W CONSTIPATION PILLS. Quick, safe, laxative. No evil after effects. Splendid for humans, too. 65c.

Q-W SALICYLATE COMPOUND TABLETS. For rheumatism, stiff joints, partial paralysis and gout. 65c.

Q-W NERVE SEDATIVE TABLETS. For fits, convulsions and nervous dogs. Soothes nerves, kills pain, promotes sleep. 95c.

Q-W COUGH MIXTURE. For colds, coughs and all bronchial troubles. 65c.

Q-W DIARRHOEA AND DYSENTERY CURE. Stops loose bowels, soothes and heals inflamed intestines. \$1.25.

Q-W BREEDING TABLETS. For stimulating sexual powers in dogs. Makes males serve vigorously, brings backward bitches in season, induces conception. \$2.00.

Q-W EAR CANKER CURE. For internal sores, abscesses, cankers, etc., of the ear, causing dog to hold head on one side, scratch ear, etc. \$1.25.

Q-W FLEA POWDER. For dry-killing fleas on dogs, especially suited to small dogs and for use in winter. Per box, 50c.

Q-W ANTISEPTIC SALVE. The pride of the Q-W, a wonderful quick healer for all sores, cuts, tears, ulcers, cankers, rashes, blisters, sore footpads, etc. Fine for hunting dogs that get torn up. Good for other animals, too, and for humans. 65c.

FLEISCHMANN'S IRRADIATED DRY YEAST



Fleischmann's Irradiated Dry Yeast gives dogs better appetite and digestion, helps to assure a beautiful, dense coat, and builds strong bones because it is exceptionally rich in Vitamines B, G, and D. Start feeding your dogs Fleischmann's Irradiated Dry Yeast today.

3-oz. can	\$0.25
8-oz. can .....	.50
1-lb. can .....	.85

CEDAR BEDDING

For Dogs and Pets—A Preventative of Vermin
25-lb. bale \$2.25 50 lbs. \$3.85
100 lbs. 6.75

PEAT LITTER

Fine, inexpensive, sanitary litter. For dogs, poultry and horses. 225-lb. bales at \$2.50 per bale.



Giant Flowering Gladiolus

Better Varieties—Lower Prices

Here is our 1937 list of flashing beauties. It is impossible to picture or express in words the charm and supreme mystery of these loveliest of all flowers.

Large, magnificent flower spikes from early June until fall—the same bulbs can be replanted year after year.

1. Kirchoff's Violet.
2. Berty Snow. Rosy lavender.
3. Dr. F. E. Bennett. Fiery orange-scarlet.
4. Giant Nymph. Rose-pink.
5. Golden Measure. Golden yellow.
6. Mammoth White. Pure white.
7. Marmora. Beautiful soft French gray, petunia-purple blotches.
8. Mrs. Calvin Coolidge. Large ruffled, salmon-rose, creamy center.
9. Mrs. Leon Douglas. Begonia-rose, striped flame and brilliant scarlet, lip pale yellow.
10. Orange Queen. Apricot-orange, orange-red throat lines.
11. Picardy. A most beautiful variety with immense spikes of rich apricot-pink blossoms.
12. Commander Koehl. Red.
50c per doz.

Picardy

Don't fail to plant an individual bed of these lovely Picardys, you will point with pride to this mass collection of color.

Twelve other well known named varieties in a wide range of colors at 39c per doz.

- No. 1. Extra Choice Mixed at 29c per doz.
- No. 2. Good Mixed at 15c per doz.

Now, a Complete Vegetable Garden

GROWN FROM EBELING'S QUALITY FRESH SEEDS



KITCHEN Garden Collection

Beans, Pencil Pod Wax
Beets, Detroit
Carrot, Danvers
Cucumber, Davis
Lettuce, Grand Rapids
Onion, Yellow Danvers
Peas, Little Marvel
Radish, Scarlet Globe
Swiss Chard
Sweet Corn, Golden Bantam
Squash, Summer
Turnip, White Globe

12 Splendid \$1
Varieties for

Many
Vegetable Dinners
for an expenditure of One Dollar

F. H. EBELING

For an expenditure of one dollar you can supply your table with your own "Home Grown Vegetables" and have twelve different kinds to eat.

This collection is very popular with many, many of our customers who have only a limited amount of space to "grow things."

The vegetables in our offer will make many a real vegetable dinner, rich in vitamins and enjoyed by the family the whole summer through. You, too, may enjoy these tasty vegetables till frost comes, and the cost is really nothing compared with the cost if you had to buy this large supply of fresh vegetables.

219 So. Warren St., Syracuse, N. Y.
BRANCH STORE
AND WAREHOUSE Cor. W. Fayette and So. Geddes Sts.